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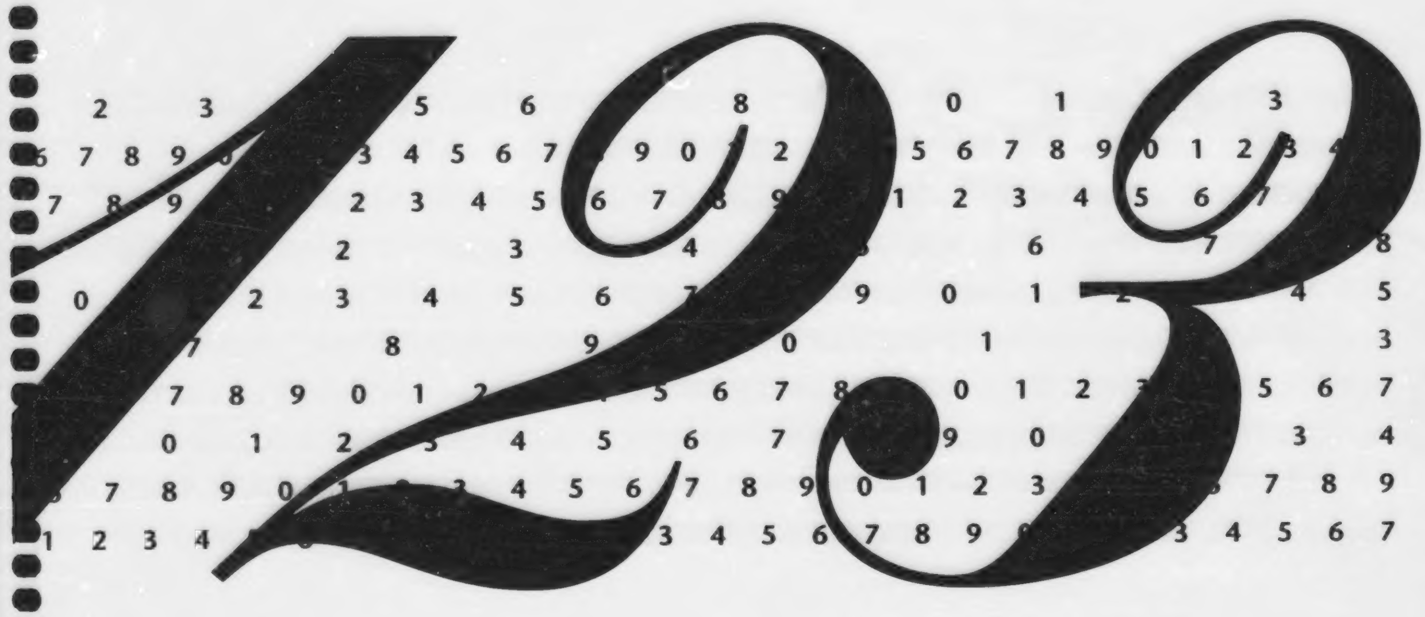
ONE HUNDRED TWENTY-NINTH

Annual Report 2000

DIVISION OF VITAL STATISTICS



Vital Statistics

British Columbia
Vital Statistics Agency

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Canadian Cataloguing in Publication Data

Main entry under title:
Selected vital statistics and health status indicators
... annual report. -- 119th (1990) -

Annual.
Continues: Vital statistics of the Province of British Columbia, ISSN 0702-9446
Report year ends Dec. 31.
ISSN 1188-3642 = Selected vital statistics and health status indicators ... annual report.

1. British Columbia – Statistics, Vital. I. British Columbia. Division of Vital Statistics.

HA747.B7S44   304.6'09711'021   C92-092045-4

101-06442/

Foreword

The British Columbia Vital Statistics Agency is pleased to present the 2000 Annual Report, the one hundred and twenty-ninth published since the establishment of the Division of Vital Statistics in 1872. This report presents vital event related data based on information collected by the Agency from registrations of live births, stillbirths, deaths, and marriages, and updates the provisional statistics released throughout the year in the Agency's *Quarterly Digest*.

This publication contains tables, figures, and maps that summarize selected information about the health of British Columbians. The report includes a detailed glossary, defining the terms and statistical methods used in the body of the publication, a list of the Agency's recent publications, and a set of Information Boxes which supplement the standard tables.

The 2000 Annual Report, like previous reports, includes summary data for incorporated communities, as well as statistics for local health areas (LHA), health regions (HR), and the entire province. The boundaries of these data dissemination areas correspond to the Ministry of Health's Regional Health Boards, Community Health Service Societies, and Community Health Councils. As a result, the tables and statistics provided in this report have become standard health status indicators that are widely used by regional and provincial health care planners and managers.

This annual report is expected to be one of the first publications providing medical information using the most recent revision of the World Health Organization's International Classification of Diseases (ICD) coding scheme. The tenth revision of ICD (ICD-10) was implemented at the beginning of the year 2000. Where possible, this report follows the format of previous annual reports that present data from the current year as well as data from the previous five years. Where changes in the ICD codes or changes in the rules for selection of the underlying cause of death are too extensive to allow these comparisons, tables provide data for the current year while Information Boxes provide data for earlier years.

Vital Statistics would like to acknowledge the assistance of many health professionals and institutions who are responsible for ensuring complete and accurate recording of vital events. This publication is the culmination of efforts from many groups and individuals who contribute to the continual improvement in the quality of the data, as well as the quality of this publication.

R.J. Danderfer
CEO/Director
British Columbia Vital Statistics Agency

This publication is also available on the Agency website: http://www.vs.gov.bc.ca/

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Introduction

Introduction

The Vital Statistics Agency is responsible for the ascertainment, registration, and certification of vital events through the administration of the *Vital Statistics Act*, *Marriage Act*, and *Name Act*. Statistical information contained in this report is summary data provided by the Agency for use by government agencies, health planners, researchers, and the general public. In order to maintain confidentiality, the information does not disclose personally identifiable data.

VITAL EVENT DATA

Live birth, stillbirth, and death statistics in this report summarize events that occurred in the province for British Columbia residents only, and exclude events to non-residents except where specifically noted. Statistics do not include events for British Columbia residents that occurred outside the province; Statistics Canada, in its publications, makes adjustments for events that occur to Canadians outside their province of usual residence. Marriage statistics summarize all events that occurred in the province to either residents or non-residents.

Data presented in this report are based on registrations of birth, stillbirth, death, and marriage as reported to the British Columbia Vital Statistics Agency. Registration requirements for each type of event are outlined briefly as follows:

Live Births: The *Vital Statistics Act* prescribes the legal requirements for the registration of live births. The parent(s) of the child have the responsibility to complete the Registration of Live Birth within 30 days of the event. The physician or registered midwife who was in attendance at the birth must complete a Notice of Live Birth or Stillbirth (NOB). Other requirements must be met if the birth was not attended by a physician or registered midwife.

Stillbirths: In the event of a stillbirth, the parent(s) must complete the Registration of Stillbirth. The physician or registered midwife who was in attendance at the birth must complete a Notice of Live Birth or Stillbirth (NOB). In addition, a physician or coroner is required to complete the Medical Certification of Stillbirth portion of the Registration of Stillbirth and deliver it to the funeral director who in turn submits it to the Agency.

Deaths: The physician in attendance at the last illness of the deceased person, or the coroner conducting an inquiry into the death of the person is required to complete a Medical Certification of Death. In addition, the Registration of Death is completed by the informant with assistance from the funeral home. Funeral Directors obtain the Medical Certification of Death, issue the burial permit and submit the Medical Certification of Death and the Registration of Death documents to the Agency to complete the registration.

Marriages: The *Marriage Act* prescribes the legal qualifications of individuals to marry, the authorization of Religious Representatives and Marriage Commissioners to perform the marriage ceremony, and the solemnization of marriage. Under the *Marriage Act*, the Agency licences Religious Representatives of established religious denominations who desire the authority to solemnize marriage. The Agency recommends for appointment Marriage Licence Issuers and Marriage Commissioners to perform civil ceremonies.

Couples who meet the legal qualifications to marry must obtain a marriage licence up to 90 days before the ceremony. They can choose a civil ceremony performed by a Marriage Commissioner or a religious ceremony performed by a Religious Representative. The Registration of Marriage is completed by the officient after the ceremony, and must be signed by the officient, the bride and groom, and two witnesses.

MEDICAL CODING

The Notice of Live Birth or Stillbirth includes information on birth weight, gestation, and mode of delivery, as well as abnormalities of the infant and complications of pregnancy, labour and delivery. The Medical Certification of Death and the Medical Certification of Stillbirth include information on the immediate cause of death or stillbirth, antecedent causes giving rise to the immediate cause, and other significant conditions contributing to the death or stillbirth. This information is processed by medically trained staff using the World Health Organization's International Classification of Diseases (ICD) coding scheme.

Since the early 1900s, the International Classification of Diseases has been modified about once every ten years in order to reflect advances in medical science and changes in diagnostic terminology. A longer interval occurred with the latest revision. The ninth revision of ICD (ICD-9) was used for medical coding of birth complications and causes of death from 1979 until 1999. Coding according to the tenth revision (ICD-10) was implemented at the beginning of the year 2000. ICD-10 is far more detailed than ICD-9, with approximately twice as many categories. As well, ICD-10 includes new disease entities, some groupings of conditions within the classification have changed, and some conditions have been assigned to different parts of the classification than they were found in ICD-9. As a result, discontinuities in trend data are expected. In some areas, these changes are so extensive that data cannot be compared until translation tables have been developed, and manual reviews and recoding of data from ICD-9 to ICD-10 have been completed.

Issue papers to be published in upcoming *Quarterly Digest* reports will provide more details about the impact of ICD-10. Through an editing process, the output from ICD-10 mortality coding and underlying cause of death selection was modified in British Columbia to better reflect the intent of certifiers in British Columbia and to provide greater continuity over time.

TIME PERIODS

This report pertains to events that occurred in the calendar year 2000. Selected tables present aggregate information for the five-year period, 1995–1999. These broader time periods permit more meaningful tests of statistical significance when analyzing data at sub-provincial levels, and can smooth out random fluctuations that occur when annual numbers are small. For regional health status profiles, readers are encouraged to refer to measures of statistical significance and use data presented for the five-year aggregates.

Data for 1995–1999 have been updated and may differ from earlier publications. Readers should treat this report as a replacement of previous publications and avoid comparisons with tables in earlier publications.

It should also be noted that changes in medical coding for some of the categories of birth and death information are too extensive to allow comparison between the most recent year (in ICD-10) and earlier years (in ICD-9). In these situations, the report provides data for 2000 events only. Readers familiar with previous annual reports may lament the absence of trend information provided previously. The Vital Statistics Agency has been developing ICD-9 to ICD-10 translation tables, and has been reviewing and recoding 1986–1999 birth and death data. When these tasks have been completed, additional trend information will be available.

POPULATION DATA

Population projections for the year 2000 and population estimates for earlier years for local health areas and for health regions are from PEOPLE 25. Population estimates for incorporated communities are from *Total Population Estimates Municipalities and Regional Districts*. All population information is from BC STATS, Ministry of Finance.

In the mortality section of this report, a 'standard population' is used in the calculation of Age Standardized Mortality Rates (ASMR) and Potential Years Of Life Lost Standardized Rates (PYLLSR). Since the 1998 Annual Report, the Agency has used the 1991 Canadian Census population as the 'standard population' in the calculation of these age-standardized measures. Please refer to Standard Population in the Glossary for a more detailed description.

SPATIAL ANALYSIS AND MAPPING

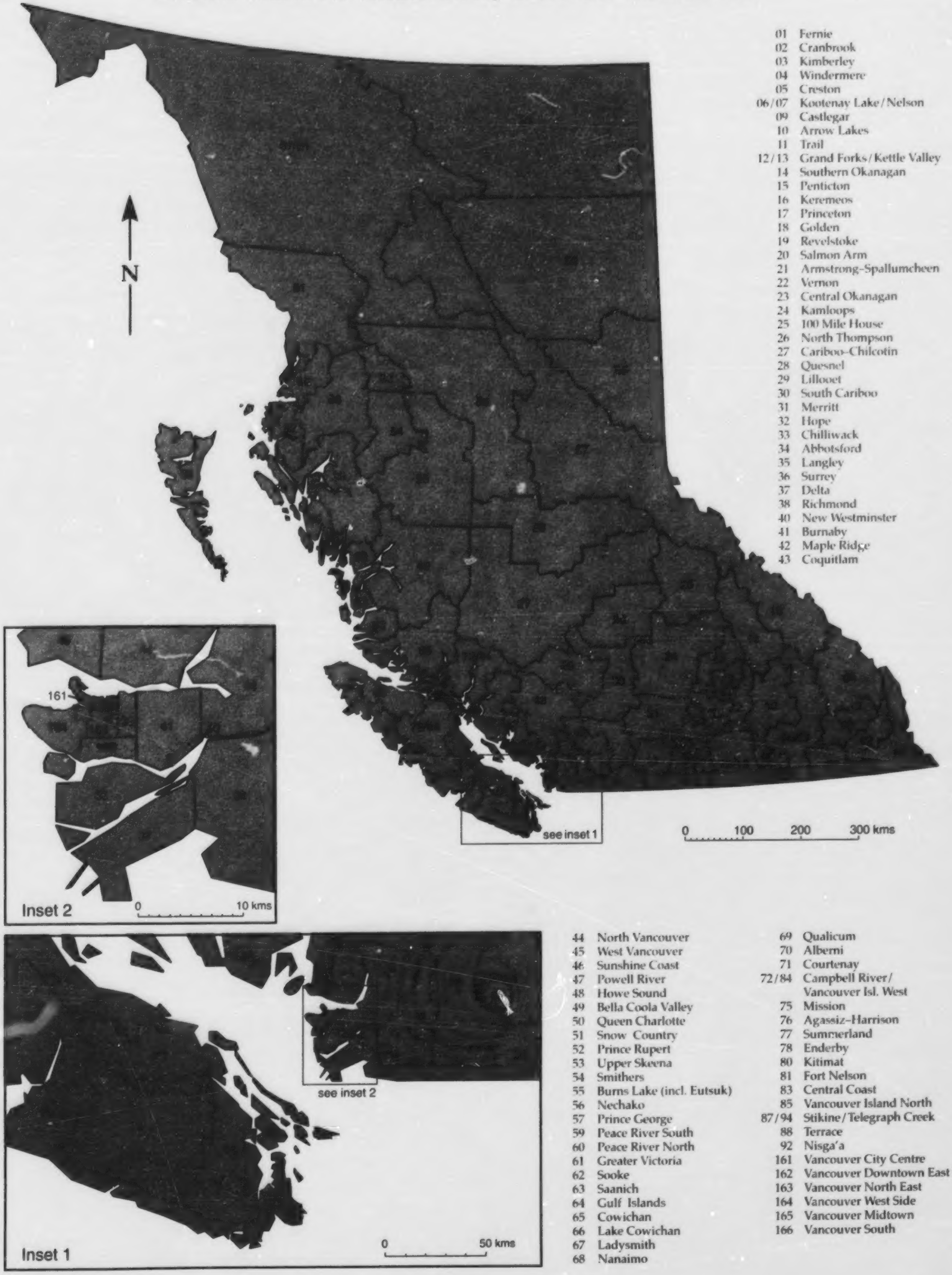
This report presents regional data for the Ministry of Health's standard data dissemination areas (health regions and local health areas) and incorporated communities. Vital events are allocated to these data dissemination areas by the postal codes recorded on registration documents. Marriages are assigned geographically by the postal code of the location where the marriage ceremony was performed; other vital events are assigned by the usual residence of the parents (for live births and stillbirths) or the decedent (for deaths).

The maps in this report present local health area (LHA) data ranked by quintiles and allow easy visual examination of spatial patterns. Although all LHAs are presented in the maps, emphasis should be placed on data that are statistically significant.

TERMS, METHODS, AND COMPUTATIONAL EXAMPLES

Readers are encouraged to refer to the glossary for explanations of terms and methodologies. In addition, the glossary provides examples of computations of measures and statistical tests.

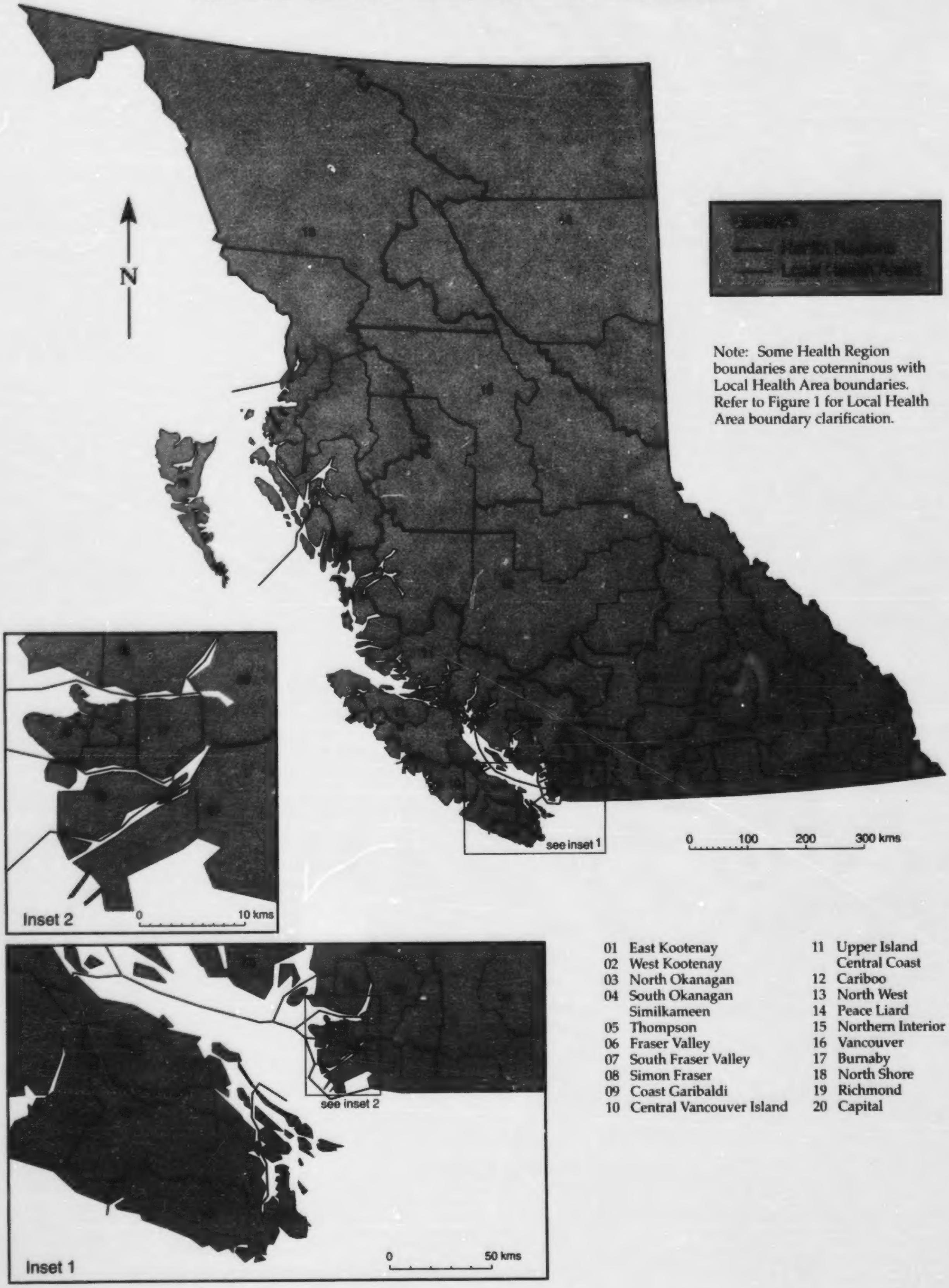
FIGURE 1
LOCAL HEALTH AREA MAP, BRITISH COLUMBIA



01	Fernie
02	Cranbrook
03	Kimberley
04	Windermere
05	Creston
06/07	Kootenay Lake/Nelson
09	Castlegar
10	Arrow Lakes
11	Trail
12/13	Grand Forks/Kettle Valley
14	Southern Okanagan
15	Penticton
16	Keremeos
17	Princeton
18	Golden
19	Revelstoke
20	Salmon Arm
21	Armstrong-Spallumcheen
22	Vernon
23	Central Okanagan
24	Kamloops
25	100 Mile House
26	North Thompson
27	Cariboo-Chilcotin
28	Quesnel
29	Lillooet
30	South Cariboo
31	Merritt
32	Hope
33	Chilliwack
34	Abbotsford
35	Langley
36	Surrey
37	Delta
38	Richmond
40	New Westminster
41	Burnaby
42	Maple Ridge
43	Coquitlam

44	North Vancouver
45	West Vancouver
46	Sunshine Coast
47	Powell River
48	Howe Sound
49	Bella Coola Valley
50	Queen Charlotte
51	Snow Country
52	Prince Rupert
53	Upper Skeena
54	Smithers
55	Burns Lake (incl. Eutsuk)
56	Nechako
57	Prince George
59	Peace River South
60	Peace River North
61	Greater Victoria
62	Sooke
63	Saanich
64	Gulf Islands
65	Cowichan
66	Lake Cowichan
67	Ladysmith
68	Nanaimo
69	Qualicum
70	Alberni
71	Courtenay
72/84	Campbell River/ Vancouver Isl. West
75	Mission
76	Agassiz-Harrison
77	Summerland
78	Enderby
80	Kitimat
81	Fort Nelson
83	Central Coast
85	Vancouver Island North
87/94	Stikine/Telegraph Creek
88	Terrace
92	Nisga'a
161	Vancouver City Centre
162	Vancouver Downtown East Side
163	Vancouver North East
164	Vancouver West Side
165	Vancouver Midtown
166	Vancouver South

FIGURE 2
HEALTH REGION MAP, BRITISH COLUMBIA


N
Health Regions
Local Health Areas
see inset 1
0 100 200 300 kms
Inset 2
0 10 kms
see inset 2
Inset 1
0 50 kms

Note: Some Health Region boundaries are coterminous with Local Health Area boundaries. Refer to Figure 1 for Local Health Area boundary clarification.

01	East Kootenay
02	West Kootenay
03	North Okanagan
04	South Okanagan Similkameen
05	Thompson
06	Fraser Valley
07	South Fraser Valley
08	Simon Fraser
09	Coast Garibaldi
10	Central Vancouver Island
11	Upper Island Central Coast
12	Cariboo
13	North West
14	Peace Liard
15	Northern Interior
16	Vancouver
17	Burnaby
18	North Shore
19	Richmond
20	Capital

Vital Events-related Statistics

VITAL STATISTICS INFORMATION BOX

ON A TYPICAL DAY IN BRITISH COLUMBIA IN 2000

111 LIVE BIRTHS OCCURRED IN THE PROVINCE TO B.C. RESIDENTS:

57	males and 54 females were born
53	live births involved maternal complications
38	babies had perinatal complications
26	were cesarean deliveries
8	were pre-term
6	were low birth weight babies
5	were born to teenage mothers
21	were born to mothers 35+ years old
3	were multiple births
8	stillbirths every 10 days

75 DEATHS OCCURRED IN THE PROVINCE TO B.C. RESIDENTS:

39	males and 36 females died
26	deaths were due to diseases of the circulatory system including: – 19 from cardiovascular diseases – 6 from cerebrovascular diseases
21	deaths were due to cancer including: – 5 lung cancer – 2 colorectal cancer – 1 female breast cancer – 1 prostate cancer
15	deaths were attributable to tobacco smoking
7	deaths were due to diseases of the respiratory system including: – 3 from pneumonia/influenza – 3 from chronic lung disease
4	deaths resulted from accidents and violence including: – 1 suicide – 1 motor vehicle accident – 1 homicide every 10 days
5	deaths were alcohol-related, 1 directly and 4 indirectly due to alcohol
1	death was drug-induced
2	deaths were due to diabetes
1	death was due to Alzheimer's disease and senile dementias
3	deaths every 10 days were from HIV disease
4	infant deaths every 10 days

60 MARRIAGES WERE SOLEMNIZED IN B.C.:

34	were civil ceremonies and 26 were performed by religious representatives
36	marriages were to couples where both parties were marrying for the first time
2	marriages every 10 days were to couples where both parties were teenagers

Summary

Summary statistics are presented in this section. Historical information allows readers to examine the changes in annual live birth, stillbirth, death, and marriage rates. Tables and graphs show trends in natural population growth, total fertility, infant mortality, and age of bride and groom. Information on vital events by month is also provided.

Since 1950, as the population of British Columbia tripled, demographic and social changes had significant impacts on vital events. Provincial rates for marriages, fertility, live births and stillbirths fell to about half the rates seen in 1950, while mortality rates declined by nearly a third. The most striking change was a dramatic decline in infant mortality.

- In 2000, there were 40,467 live births in the province to B.C. residents. The number of live births decreased by 1,273 births from 41,740 in 1999. The birth rate, 10.0 live births per 1,000 population, was the lowest birth rate to date.
- There were 27,273 deaths of British Columbia residents in the province in 2000, down slightly from the previous year (27,829). The 2000 crude death rate, 6.7 deaths per 1,000 population, was the lowest death rate to date.
- A total of 22,074 marriages were solemnized in the province in 2000. This number represents a slight increase from the 21,623 marriages in 1999. The marriage rate has shown a downward trend in the last two decades, from 9.0 marriages per 1,000 population in 1980 to 5.4 in 1998, 1999 and 2000.
- There were 279 stillbirths to B.C. residents in 2000, a decrease from 294 in 1999. The stillbirth rate was 6.9 per 1,000 total births (live births and stillbirths) in 2000.
- In 2000, the 40,467 births and 27,273 deaths in the province produced a rate of natural population growth of 3.2 per 1,000 population. The 2000 rate of natural population growth for B.C. was the lowest since 1950.
- Based on the Total Fertility Rate, the average woman in 2000 would have 1.3 live births in her lifetime, the lowest fertility rate in recent years. This is a significant decrease from the peak in 1959, when the average woman would have had nearly 4.0 live births in her child bearing years.
- In 2000, there were 148 infant deaths (age at death less than one year) in the province, for an infant mortality rate of 3.7 per 1,000 live births, a record low rate for British Columbia.
- The average ages of brides and grooms have climbed steadily since 1977. In 2000, the average age of all brides was 32.1 years old, while grooms were 34.8 years old.

TABLE 1

LIVE BIRTHS, DEATHS, MARRIAGES AND STILLBIRTHS

BRITISH COLUMBIA, 1950–2000

Year	Mid-year Population	Live Births		Deaths		Marriages		Stillbirths	
		Number	Rate	Number	Rate	Number	Rate	Number	Rate
1950	1,137,000	27,116	23.8	11,581	10.2	11,110	9.8	369	13.4
1951	1,165,210	28,077	24.1	11,638	10.0	11,272	9.7	365	12.8
1952	1,205,000	29,827	24.8	12,080	10.0	11,081	9.2	375	12.4
1953	1,248,000	31,746	25.4	12,218	9.8	11,298	9.1	375	11.7
1954	1,295,000	32,946	25.4	12,414	9.6	10,991	8.5	373	11.2
1955	1,342,000	34,138	25.4	12,816	9.5	11,011	8.2	381	11.0
1956	1,398,464	36,241	25.9	13,415	9.6	11,950	8.5	413	11.3
1957	1,482,000	38,744	26.1	13,711	9.3	12,620	8.5	422	10.8
1958	1,538,000	39,577	25.7	13,741	8.9	12,094	7.9	414	10.4
1959	1,567,000	39,971	25.5	14,336	9.1	11,910	7.6	404	10.0
1960	1,602,000	40,116	25.0	14,696	9.2	11,203	7.0	437	10.8
1961	1,629,100	38,591	23.7	14,403	8.8	10,935	6.7	410	10.5
1962	1,660,000	38,128	23.0	14,912	9.0	11,196	6.7	377	9.8
1963	1,699,000	37,478	22.1	15,029	8.8	11,677	6.9	476	12.5
1964	1,745,000	35,897	20.6	16,051	9.2	12,158	7.0	485	13.3
1965	1,797,000	33,669	18.7	15,784	8.8	13,639	7.6	447	13.1
1966	1,873,674	32,502	17.3	16,290	8.7	14,682	7.8	409	12.4
1967	1,945,000	32,899	16.9	16,170	8.3	16,026	8.2	422	12.7
1968	2,003,000	33,687	16.8	16,828	8.4	16,914	8.4	433	12.7
1969	2,060,000	35,383	17.2	17,377	8.4	18,284	8.9	468	13.1
1970	2,128,000	36,861	17.3	17,020	8.0	20,020	9.4	407	10.9
1971	2,184,620	34,852	16.0	17,783	8.1	20,389	9.3	442	12.5
1972	2,241,400	34,563	15.4	18,021	8.0	20,659	9.2	356	10.2
1973	2,302,400	34,352	14.9	18,095	7.9	21,303	9.3	339	9.8
1974	2,375,700	35,450	14.9	19,177	8.1	21,734	9.1	364	10.2
1975	2,433,200	36,281	14.9	19,151	7.9	21,824	9.0	414	11.3
1976	2,466,610	35,848	14.5	18,788	7.6	21,536	8.7	361	10.0
1977	2,493,800	36,691	14.7	18,021	7.2	21,156	8.5	330	8.9
1978	2,530,100	37,231	14.7	19,057	7.5	21,388	8.5	331	8.8
1979	2,571,200	38,432	14.9	19,204	7.5	22,087	8.6	313	8.1
1980	2,640,100	40,104	15.2	19,371	7.3	23,830	9.0	316	7.8
1981	2,744,470	41,679	15.2	19,857	7.2	24,694	9.0	371	8.8
1982	2,787,700	42,942	15.4	20,704	7.4	23,831	8.5	317	7.3
1963	2,813,800	43,047	15.3	19,895	7.1	23,692	8.4	310	7.1
1984	2,847,700	44,040	15.5	20,781	7.3	23,394	8.2	303	6.8
1985	2,990,000	42,989	14.4	21,131	7.1	22,270	7.4	333	7.7
1986	3,020,400	41,845	13.9	21,006	7.0	21,819	7.2	309	7.3
1987	3,064,600	41,655	13.6	21,619	7.1	23,377	7.6	297	7.1
1988	3,128,200	42,913	13.7	22,361	7.1	24,469	7.8	292	6.8
1989	3,209,200	43,585	13.6	22,780	7.1	25,154	7.8	319	7.3
1990	3,300,100	45,333	13.7	23,398	7.1	25,185	7.6	292	6.4
1991	3,379,800	45,308	13.4	23,794	7.0	23,648	7.0	306	6.7
1992	3,476,868	46,048	13.2	24,445	7.0	23,756	6.8	301	6.5
1993	3,571,524	45,931	12.9	25,601	7.2	23,473	6.6	286	6.2
1994	3,681,750	46,850	12.7	25,824	7.0	23,763	6.5	312	6.6
1995	3,784,008	46,702	12.3	26,221	6.9	23,629	6.2	350	7.4
1996	3,882,043	45,962	11.8	27,388	7.1	22,880	5.9	292	6.3
1997	3,961,400	44,404	11.2	27,259	6.9	21,880	5.5	335	7.5
1998	4,002,777	42,854	10.7	27,803	7.0	21,769	5.4	278	6.5
1999	4,029,253	41,740	10.4	27,829	6.9	21,623	5.4	294	7.0
2000	4,067,179	40,467	10.0	27,273	6.7	22,074	5.4	279	6.9

Note: Rates shown for births, deaths and marriages are crude rates per 1,000 population.
Stillbirth rate is per 1,000 total births (live births plus stillbirths).
The definition of a stillbirth was revised in 1963 and 1986 (see Glossary).
Population information from PEOPLE 25 Estimates (BCSTATS).
Above information includes late registrations and amendments.
Gender unknown included. Non-residents are excluded from all data except marriages.

TABLE 1
LIVE BIRTHS, DEATHS, MARRIAGES AND STILLBIRTHS
BRITISH COLUMBIA, 1950–2000

Year	Mid-year Population	Live Births		Deaths		Marriages		Stillbirths	
		Number	Rate	Number	Rate	Number	Rate	Number	Rate
1950	1,137,000	27,116	23.8	11,581	10.2	11,110	9.8	369	13.4
1951	1,165,210	28,077	24.1	11,638	10.0	11,272	9.7	365	12.8
1952	1,205,000	29,827	24.8	12,080	10.0	11,081	9.2	375	12.4
1953	1,248,000	31,746	25.4	12,218	9.8	11,298	9.1	375	11.7
1954	1,295,000	32,946	25.4	12,414	9.6	10,991	8.5	373	11.2
1955	1,342,000	34,138	25.4	12,816	9.5	11,011	8.2	381	11.0
1956	1,398,464	36,241	25.9	13,415	9.6	11,950	8.5	413	11.3
1957	1,482,000	38,744	26.1	13,711	9.3	12,620	8.5	422	10.8
1958	1,538,000	39,577	25.7	13,741	8.9	12,094	7.9	414	10.4
1959	1,567,000	39,971	25.5	14,336	9.1	11,910	7.6	404	10.0
1960	1,602,000	40,116	25.0	14,696	9.2	11,203	7.0	437	10.8
1961	1,629,100	38,591	23.7	14,403	8.8	10,935	6.7	410	10.5
1962	1,660,000	38,128	23.0	14,912	9.0	11,196	6.7	377	9.8
1963	1,699,000	37,478	22.1	15,029	8.8	11,677	6.9	476	12.5
1964	1,745,000	35,897	20.6	16,051	9.2	12,158	7.0	485	13.3
1965	1,797,000	33,669	18.7	15,784	8.8	13,639	7.6	447	13.1
1966	1,873,674	32,502	17.3	16,290	8.7	14,682	7.8	409	12.4
1967	1,945,000	32,899	16.9	16,170	8.3	16,026	8.2	422	12.7
1968	2,003,000	33,687	16.8	16,828	8.4	16,914	8.4	433	12.7
1969	2,060,000	35,383	17.2	17,377	8.4	18,284	8.9	468	13.1
1970	2,128,000	36,861	17.3	17,020	8.0	20,020	9.4	407	10.9
1971	2,184,620	34,852	16.0	17,783	8.1	20,389	9.3	442	12.5
1972	2,241,400	34,563	15.4	18,021	8.0	20,659	9.2	356	10.2
1973	2,302,400	34,352	14.9	18,095	7.9	21,303	9.3	339	9.8
1974	2,375,700	35,450	14.9	19,177	8.1	21,734	9.1	364	10.2
1975	2,433,200	36,281	14.9	19,151	7.9	21,824	9.0	414	11.3
1976	2,466,610	35,848	14.5	18,788	7.6	21,536	8.7	361	10.0
1977	2,493,800	36,691	14.7	18,021	7.2	21,156	8.5	330	8.9
1978	2,530,100	37,231	14.7	19,057	7.5	21,388	8.5	331	8.8
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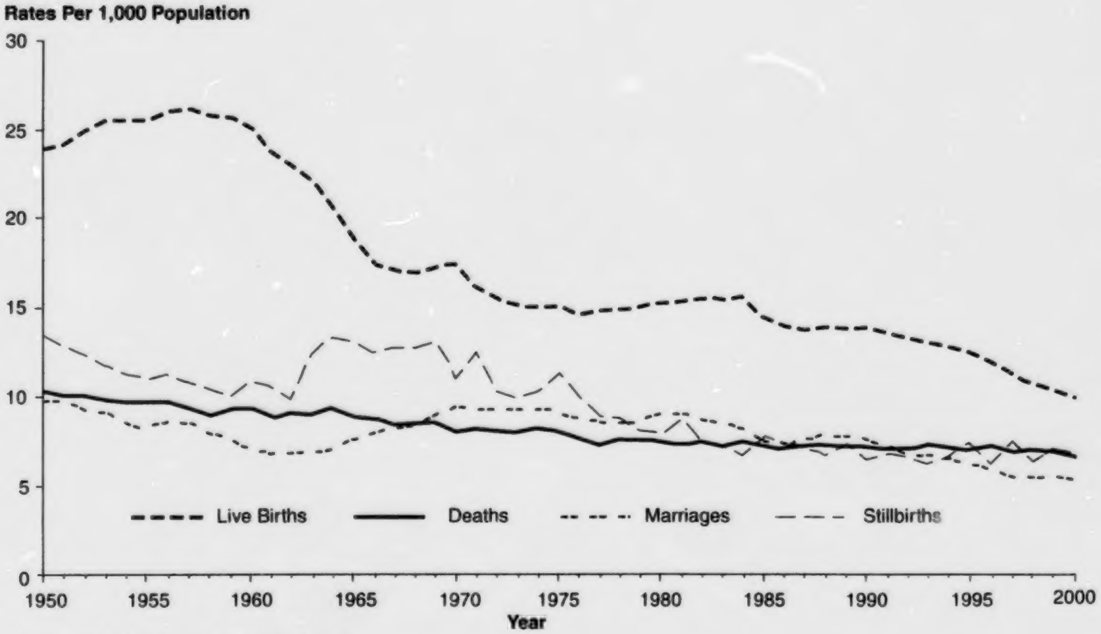
1983	2,813,800	43,047	15.3	19,895	7.1	23,692	8.4	310	7.1
1984	2,847,700	44,040	15.5	20,781	7.3	23,394	8.2	303	6.8
1985	2,990,000	42,989	14.4	21,131	7.1	22,270	7.4	333	7.7
1986	3,020,400	41,845	13.9	21,006	7.0	21,819	7.2	309	7.3
1987	3,064,600	41,655	13.6	21,619	7.1	23,377	7.6	297	7.1
1988	3,128,200	42,913	13.7	22,361	7.1	24,469	7.8	292	6.8
1989	3,209,200	43,585	13.6	22,780	7.1	25,154	7.8	319	7.3
1990	3,300,100	45,333	13.7	23,398	7.1	25,185	7.6	292	6.4
1991	3,379,800	45,308	13.4	23,794	7.0	23,648	7.0	306	6.7
1992	3,476,868	46,048	13.2	24,445	7.0	23,756	6.8	301	6.5
1993	3,571,524	45,931	12.9	25,601	7.2	23,473	6.6	286	6.2
1994	3,681,750	46,850	12.7	25,824	7.0	23,763	6.5	312	6.6
1995	3,784,008	46,702	12.3	26,221	6.9	23,629	6.2	350	7.4
1996	3,882,043	45,962	11.8	27,388	7.1	22,880	5.9	292	6.3
1997	3,961,400	44,404	11.2	27,259	6.9	21,880	5.5	335	7.5
1998	4,002,777	42,854	10.7	27,803	7.0	21,769	5.4	278	6.5
1999	4,029,253	41,740	10.4	27,829	6.9	21,623	5.4	294	7.0
2000	4,067,179	40,467	10.0	27,273	6.7	22,074	5.4	279	6.9

Note: Rates shown for births, deaths and marriages are crude rates per 1,000 population.
Stillbirth rate is per 1,000 total births (live births plus stillbirths).
The definition of a stillbirth was revised in 1963 and 1986 (see Glossary).
Population information from PEOPLE 25 Estimates (BCSTATS).
Above information includes late registrations and amendments.
Gender unknown included. Non-residents are excluded from all data except marriages.

FIGURE 3
CRUDE RATES OF LIVE BIRTHS, DEATHS, MARRIAGES AND STILLBIRTHS
BRITISH COLUMBIA, 1950–2000



Note: Stillbirth rate per 1,000 total births.

HIGHLIGHTS TO TABLE 1/FIGURE 3

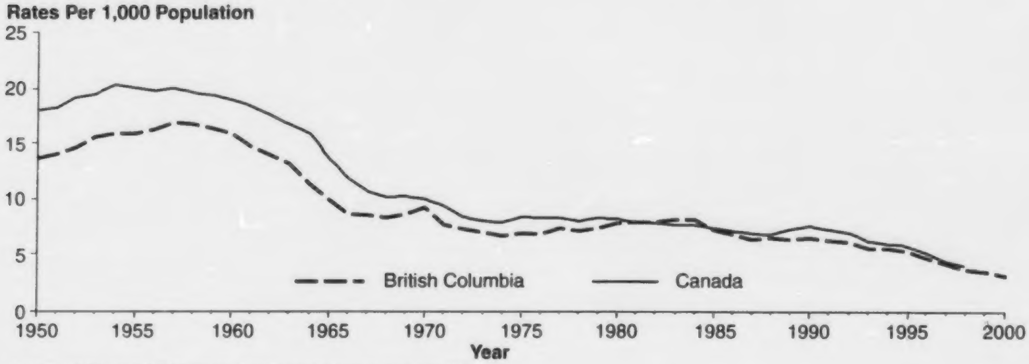
- Since 1950, as the population of British Columbia tripled, demographic and social changes had significant impacts on vital events. Provincial rates for live births, stillbirths, and marriages in 2000 fell to about half the rates seen in 1950, while mortality rates declined by nearly a third.
- In 2000, there were 40,467 live births in the province to B.C. residents. The number of live births decreased by 1,273 births from 41,740 in 1999. The birth rate, 10.0 live births per 1,000 population, was the lowest birth rate to date.
- There were 27,273 deaths of British Columbia residents in the province in 2000, down slightly from the previous year (27,829). The 2000 crude death rate, 6.7 deaths per 1,000 population, was the lowest death rate to date.
- A total of 22,074 marriages were solemnized in the province in 2000. This number represents a slight increase from the 21,623 marriages in 1999. The marriage rate has shown a downward trend in the last two decades, from 9.0 marriages per 1,000 population in 1980 to 5.4 in 1998, 1999 and 2000. This latest year was the fifth year in a row that there were fewer than 6.0 marriages per 1,000 population. Marriage statistics in this publication include all marriages that took place in the province, including those where one or both parties were non-B.C. residents.
- There were 279 stillbirths to B.C. residents in 2000, a decrease from 294 in 1999. The stillbirth rate was 6.9 per 1,000 total births (live births and stillbirths) in 2000. Stillbirth rates have fluctuated between 6.2 and 7.5 in the last decade.

TABLE 2
TRENDS OF NATURAL POPULATION GROWTH
BRITISH COLUMBIA AND CANADA, 1950–2000

	Rate			Rate	
Year	B.C.	Canada	Year	B.C.	Canada
1950	13.7	18.0	1976	6.9	8.4
1951	14.1	18.2	1977	7.5	8.4
1952	14.7	19.2	1978	7.2	8.1
1953	15.6	19.5	1979	7.5	8.4
1954	15.9	20.3	1980	7.9	8.3
1955	15.9	20.0	1981	8.0	8.0
1956	16.3	19.8	1982	8.0	7.9
1957	16.9	20.0	1983	8.2	7.8
1958	16.8	19.6	1984	8.2	7.8
1959	16.4	19.4	1985	7.3	7.5
1960	15.9	19.0	1986	6.9	7.2
1961	14.8	18.4	1987	6.5	7.0
1962	14.0	17.6	1988	6.6	7.0
1963	13.2	16.8	1989	6.5	7.4
1964	11.4	15.9	1990	6.6	7.7
1965	10.0	13.7	1991	6.4	7.4
1966	8.7	11.9	1992	6.2	7.1
1967	8.6	10.8	1993	5.7	6.4
1968	8.4	10.2	1994	5.7	6.1
1969	8.7	10.3	1995	5.4	5.7
1970	9.3	10.1	1996	4.8	5.2
1971	7.8	9.5	1997	4.3	4.4
1972	7.4	8.5	1998	3.8	4.1
1973	7.1	8.1	1999	3.5	*
1974	6.8	8.0	2000	3.2	*
1975	7.0	8.5			

Note: Rates shown are rates of natural population growth per 1,000 population. Canadian rates from Statistics Canada. *Rates for Canada were not available. Non-residents are excluded.

FIGURE 4
TRENDS OF NATURAL POPULATION GROWTH
BRITISH COLUMBIA AND CANADA, 1950–2000



Note: 1999 and 2000 rates for Canada were not available.

HIGHLIGHTS TO TABLE 2/FIGURE 4

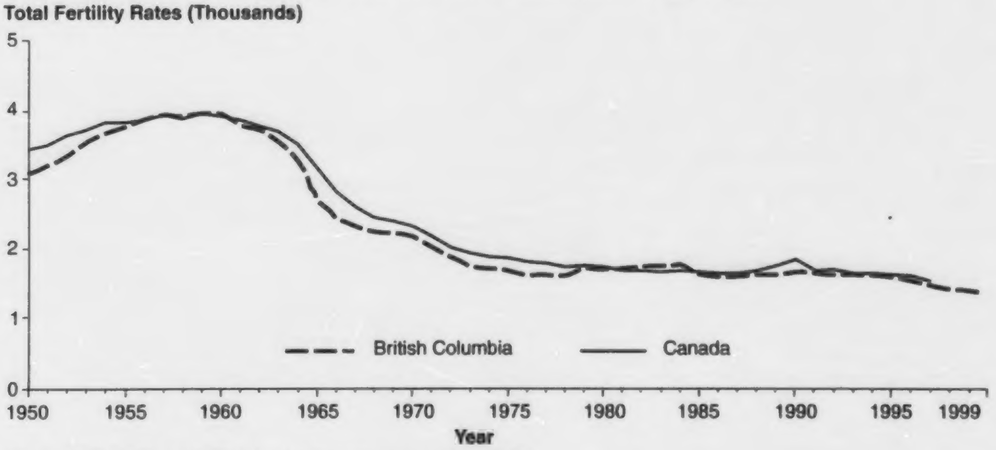
- In 2000, the 40,467 births and 27,273 deaths in the province produced a rate of natural population growth of 3.2 per 1,000 population. Immigration and emigration are not included in natural population growth rates.
- The pattern of rates of natural population growth over the last five decades follows trends seen in the provincial birth rates. After high rates in the 1950s, natural population growth rates decreased rapidly in the 1960s as birth and death rates both declined. Since the mid 1980s, the small but steady decline in the natural population growth rate resulted from declining birth rates and relatively stable death rates. The 2000 rate of natural population growth for B.C. was the lowest since 1950, and the third year in a row with a rate below 4.0 per 1,000 population.
- Except for four years from 1981 to 1984, the B.C. rate of natural population growth has been consistently below the Canadian rate each year.

TABLE 3
TRENDS OF TOTAL FERTILITY RATES
BRITISH COLUMBIA AND CANADA, 1950–2000

Year	Rate		Year	Rate	
	B.C.	Canada		B.C.	Canada
1950	3,074	3,455	1976	1,618	1,820
1951	3,201	3,503	1977	1,636	1,801
1952	3,327	3,641	1978	1,620	1,751
1953	3,542	3,721	1979	1,721	1,757
1954	3,656	3,822	1980	1,716	1,738
1955	3,748	3,823	1981	1,718	1,699
1956	3,875	3,853	1982	1,749	1,687
1957	3,921	3,923	1983	1,751	1,675
1958	3,900	3,881	1984	1,781	1,684
1959	3,958	3,941	1985	1,642	1,673
1960	3,949	3,904	1986	1,602	1,662
1961	3,785	3,852	1987	1,598	1,647
1962	3,709	3,769	1988	1,636	1,692
1963	3,564	3,683	1989	1,638	1,768
1964	3,284	3,515	1990	1,673	1,863
1965	2,710	3,157	1991	1,653	1,699
1966	2,442	2,821	1992	1,642	1,710
1967	2,307	2,601	1993	1,636	1,658
1968	2,228	2,459	1994	1,638	1,663
1969	2,223	2,409	1995	1,604	1,639
1970	2,185	2,336	1996	1,540	1,624
1971	1,994	2,188	1997	1,472	1,552
1972	1,890	2,025	1998	1,435	*
1973	1,751	1,939	1999	1,413	*
1974	1,735	1,887	2000	1,377	*
1975	1,682	1,871			

Note: Total Fertility Rate – Sum of age-specific fertility rates multiplied by the number of years in each age group (see Glossary for definition). B.C. rates per 1,000 women age 15 to 44. Canadian rates, from Statistics Canada, are per 1,000 women age 15 to 49. *Rates for Canada were not available. Non-residents are excluded.

FIGURE 5
TRENDS OF TOTAL FERTILITY RATES
BRITISH COLUMBIA AND CANADA, 1950–2000



Note: 1998, 1999 and 2000 rates for Canada were not available.

HIGHLIGHTS TO TABLE 3/FIGURE 5

- In 2000, the Total Fertility Rate (TFR) for B.C. was 1,377 births per 1,000 women of child bearing age (15 to 44 years of age).
- Based on the Total Fertility Rate, the average woman in 2000 would have 1.4 live births in her lifetime, the lowest fertility rate in recent years. This is a significant decrease from the peak in 1959, when the average woman would have had nearly 4.0 live births in her child bearing years.

TABLE 2

TRENDS OF NATURAL POPULATION GROWTH

BRITISH COLUMBIA AND CANADA, 1950–2000

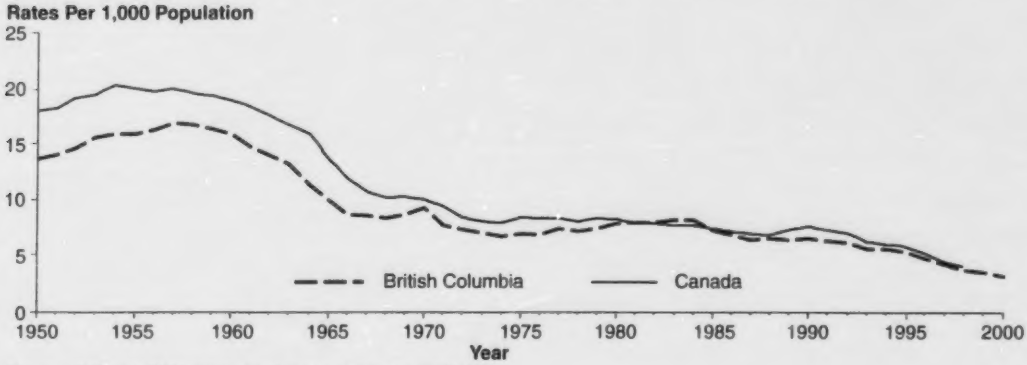
Year	Rate	
	B.C.	Canada
1950	13.7	18.0
1951	14.1	18.2
1952	14.7	19.2
1953	15.6	19.5
1954	15.9	20.3
1955	15.9	20.0
1956	16.3	19.8
1957	16.9	20.0
1958	16.8	19.6
1959	16.4	19.4
1960	15.9	19.0
1961	14.8	18.4
1962	14.0	17.6
1963	13.2	16.8
1964	11.4	15.9
1965	10.0	13.7
1966	8.7	11.9
1967	8.6	10.8
1968	8.4	10.2
1969	8.7	10.3
1970	9.3	10.1
1971	7.8	9.5
1972	7.4	8.5
1973	7.1	8.1
1974	6.8	8.0
1975	7.0	8.5
1976	6.9	8.4
1977	7.5	8.4
1978	7.2	8.1
1979	7.5	8.4
1980	7.9	8.3
1981	8.0	8.0
1982	8.0	7.9
1983	8.2	7.8
1984	8.2	7.8
1985	7.3	7.5
1986	6.9	7.2
1987	6.5	7.0
1988	6.6	7.0
1989	6.5	7.4
1990	6.6	7.7
1991	6.4	7.4
1992	6.2	7.1
1993	5.7	6.4
1994	5.7	6.1
1995	5.4	5.7
1996	4.8	5.2
1997	4.3	4.4
1998	3.8	4.1
1999	3.5	*
2000	3.2	*

Note: Rates shown are rates of natural population growth per 1,000 population. Canadian rates from Statistics Canada. *Rates for Canada were not available. Non-residents are excluded.

FIGURE 4

TRENDS OF NATURAL POPULATION GROWTH

BRITISH COLUMBIA AND CANADA, 1950–2000



Note: 1999 and 2000 rates for Canada were not available.

HIGHLIGHTS TO TABLE 2/FIGURE 4

- In 2000, the 40,467 births and 27,273 deaths in the province produced a rate of natural population growth of 3.2 per 1,000 population. Immigration and emigration are not included in natural population growth rates.
- The pattern of rates of natural population growth over the last five decades follows trends seen in the provincial birth rates. After high rates in the 1950s, natural population growth rates decreased rapidly in the 1960s as birth and death rates both declined. Since the mid 1980s, the small but steady decline in the natural population growth rate resulted from declining birth rates and relatively stable death rates. The 2000 rate of natural population growth for B.C. was the lowest since 1950, and the third year in a row with a rate below 4.0 per 1,000 population.
- Except for four years from 1981 to 1984, the B.C. rate of natural population growth has been consistently below the Canadian rate each year.

TABLE 3

TRENDS OF TOTAL FERTILITY RATES

BRITISH COLUMBIA AND CANADA, 1950–2000

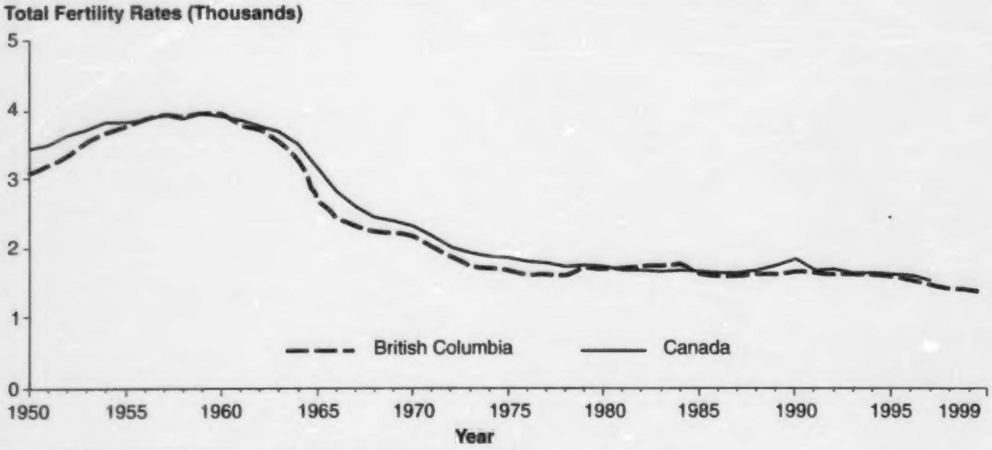
Year	Rate		Year	Rate	
	B.C.	Canada		B.C.	Canada
1950	3,074	3,455	1976	1,618	1,820
1951	3,201	3,503	1977	1,636	1,801
1952	3,327	3,641	1978	1,620	1,751
1953	3,542	3,721	1979	1,721	1,757
1954	3,656	3,822	1980	1,716	1,738
1955	3,748	3,823	1981	1,718	1,699
1956	3,875	3,853	1982	1,749	1,687
1957	3,921	3,923	1983	1,751	1,675
1958	3,900	3,881	1984	1,781	1,684
1959	3,958	3,941	1985	1,642	1,673
1960	3,949	3,904	1986	1,602	1,662
1961	3,785	3,852	1987	1,598	1,647
1962	3,709	3,769	1988	1,636	1,692
1963	3,564	3,683	1989	1,638	1,768
1964	3,284	3,515	1990	1,673	1,863
1965	2,710	3,157	1991	1,653	1,699
1966	2,442	2,821	1992	1,642	1,710
1967	2,307	2,601	1993	1,636	1,658
1968	2,228	2,459	1994	1,638	1,663
1969	2,223	2,409	1995	1,604	1,639
1970	2,185	2,336	1996	1,540	1,624
1971	1,994	2,188	1997	1,472	1,552
1972	1,890	2,025	1998	1,435	*
1973	1,751	1,939	1999	1,413	*
1974	1,735	1,887	2000	1,377	*
1975	1,682	1,871			

Note: Total Fertility Rate – Sum of age-specific fertility rates multiplied by the number of years in each age group (see Glossary for definition). B.C. rates per 1,000 women age 15 to 44. Canadian rates, from Statistics Canada, are per 1,000 women age 15 to 49. *Rates for Canada were not available. Non-residents are excluded.

FIGURE 5

TRENDS OF TOTAL FERTILITY RATES

BRITISH COLUMBIA AND CANADA, 1950–2000



Note: 1998, 1999 and 2000 rates for Canada were not available.

HIGHLIGHTS TO TABLE 3/FIGURE 5

- In 2000, the Total Fertility Rate (TFR) for B.C. was 1,377 births per 1,000 women of child bearing age (15 to 44 years of age).
- Based on the Total Fertility Rate, the average woman in 2000 would have 1.4 live births in her lifetime, the lowest fertility rate in recent years. This is a significant decrease from the peak in 1959, when the average woman would have had nearly 4.0 live births in her child bearing years.

TABLE 4

TRENDS OF INFANT MORTALITY

BRITISH COLUMBIA AND CANADA, 1965–2000

	British Columbia Age at Death (in Days)									Canada
	0–6 Days		0–27 Days		28–364 Days			Total		
Year	Number	Rate	Number	Rate	Number	Rate	N.S.	Number	Rate	Rate
1965	415	12.3	453	13.5	227	6.7	3	683	20.3	24.0
1966	435	13.4	494	15.2	263	8.1	4	761	23.4	23.1
1967	429	13.0	470	14.3	218	6.6	1	689	20.9	22.0
1968	375	11.1	438	13.0	214	6.4	4	656	19.5	21.0
1969	329	9.3	374	10.6	199	5.6	–	573	16.2	19.0
1970	369	10.0	416	11.3	193	5.2	2	611	16.6	19.0
1971	409	11.7	450	12.9	185	5.3	–	635	18.2	17.5
1972	322	9.3	373	10.8	195	5.6	1	569	16.5	17.0
1973	317	9.2	363	10.6	185	5.4	3	551	16.0	16.0
1974	310	8.7	348	9.8	196	5.5	2	546	15.4	15.0
1975	278	7.7	321	8.8	169	4.7	1	491	13.5	14.3
1976	292	8.1	324	9.0	152	4.2	2	478	13.3	13.5
1977	246	6.7	276	7.5	200	5.5	–	476	13.0	12.4
1978	245	6.6	286	7.7	178	4.8	–	464	12.5	12.0
1979	196	5.1	239	6.2	167	4.3	–	406	10.6	10.9
1980	188	4.7	235	5.9	186	4.6	–	421	10.5	10.4
1981	232	5.6	259	6.2	140	3.4	3	402	9.6	9.6
1982	217	5.1	251	5.8	150	3.5	–	401	9.3	9.1
1983	193	4.5	212	4.9	145	3.4	2	359	8.3	8.5
1984	184	4.2	205	4.6	150	3.4	1	356	8.1	8.1
1985	180	4.2	198	4.6	133	3.1	–	331	7.7	8.0
1986	166	4.0	196	4.7	147	3.5	–	343	8.2	7.9
1987	162	3.9	197	4.7	156	3.7	–	353	8.5	7.3
1988	190	4.4	219	5.1	137	3.2	–	356	8.3	7.2
1989	186	4.3	215	4.9	138	3.2	–	353	8.1	7.3
1990	187	4.1	225	5.0	106	2.3	–	331	7.3	6.8
1991	137	3.0	161	3.6	126	2.8	–	287	6.3	6.4
1992	152	3.3	174	3.8	101	2.2	–	275	6.0	6.1
1993	122	2.7	139	3.0	111	2.4	–	250	5.4	6.3
1994	176	3.8	198	4.2	90	1.9	–	288	6.1	6.3
1995	158	3.4	181	3.9	94	2.0	–	275	5.9	6.3
1996	133	2.9	160	3.5	68	1.5	–	228	5.0	5.6
1997	125	2.8	146	3.3	56	1.3	–	202	4.5	5.5
1998	94	2.2	114	2.7	60	1.4	–	174	4.1	*
1999	84	2.0	107	2.6	51	1.2	–	158	3.8	*
2000	82	2.0	104	2.6	44	1.1	–	148	3.7	*

Note: Rates per 1,000 live births in the specified year.
N.S. – Not Stated.
Above information includes late registrations and amendments.
Canadian rates from Statistics Canada.
*Rates for Canada were not available.
Non-residents are excluded.

TABLE 4
TRENDS OF INFANT MORTALITY
BRITISH COLUMBIA AND CANADA, 1965–2000

	British Columbia Age at Death (in Days)									Canada
	0–6 Days		0–27 Days		28–364 Days			Total		
Year	Number	Rate	Number	Rate	Number	Rate	N.S.	Number	Rate	Rate
1965	415	12.3	453	13.5	227	6.7	3	683	20.3	24.0
1966	435	13.4	494	15.2	263	8.1	4	761	23.4	23.1
1967	429	13.0	470	14.3	218	6.6	1	689	20.9	22.0
1968	375	11.1	438	13.0	214	6.4	4	656	19.5	21.0
1969	329	9.3	374	10.6	199	5.6	–	573	16.2	19.0
1970	369	10.0	416	11.3	193	5.2	2	611	16.6	19.0
1971	409	11.7	450	12.9	185	5.3	–	635	18.2	17.5
1972	322	9.3	373	10.8	195	5.6	1	569	16.5	17.0
1973	317	9.2	363	10.6	185	5.4	3	551	16.0	16.0
1974	310	8.7	348	9.8	196	5.5	2	546	15.4	15.0
1975	278	7.7	321	8.8	169	4.7	1	491	13.5	14.3
1976	292	8.1	324	9.0	152	4.2	2	478	13.3	13.5
1977	246	6.7	276	7.5	200	5.5	–	476	13.0	12.4
1978	245	6.6	286	7.7	178	4.8	–	464	12.5	12.0
1979	196	5.1	239	6.2	167	4.3	–	406	10.6	10.9
1980	188	4.7	235	5.9	186	4.6	–	421	10.5	10.4
1981	232	5.6	259	6.2	140	3.4	3	402	9.6	9.6
1982	217	5.1	251	5.8	150	3.5	–	401	9.3	9.1
1983	193	4.5	212	4.9	145	3.4	2	359	8.3	8.5
1984	184	4.2	205	4.6	150	3.4	1	356	8.1	8.1
1985	180	4.2	198	4.6	133	3.1	–	331	7.7	8.0
1986	166	4.0	196	4.7	147	3.5	–	343	8.2	7.9
1987	162	3.9	197	4.7	156	3.7	–	353	8.5	7.3
1988	190	4.4	219	5.1	137	3.2	–	356	8.3	7.2
1989	186	4.3	215	4.9	138	3.2	–	353	8.1	7.3
1990	187	4.1	225	5.0	106	2.3	–	331	7.3	6.8
1991	137	3.0	161	3.6	126	2.8	–	287	6.3	6.4
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1993	122	2.7	139	3.0	111	2.4	–	250	5.4	6.3
1994	176	3.8	198	4.2	90	1.9	–	288	6.1	6.3
1995	158	3.4	181	3.9	94	2.0	–	275	5.9	6.3
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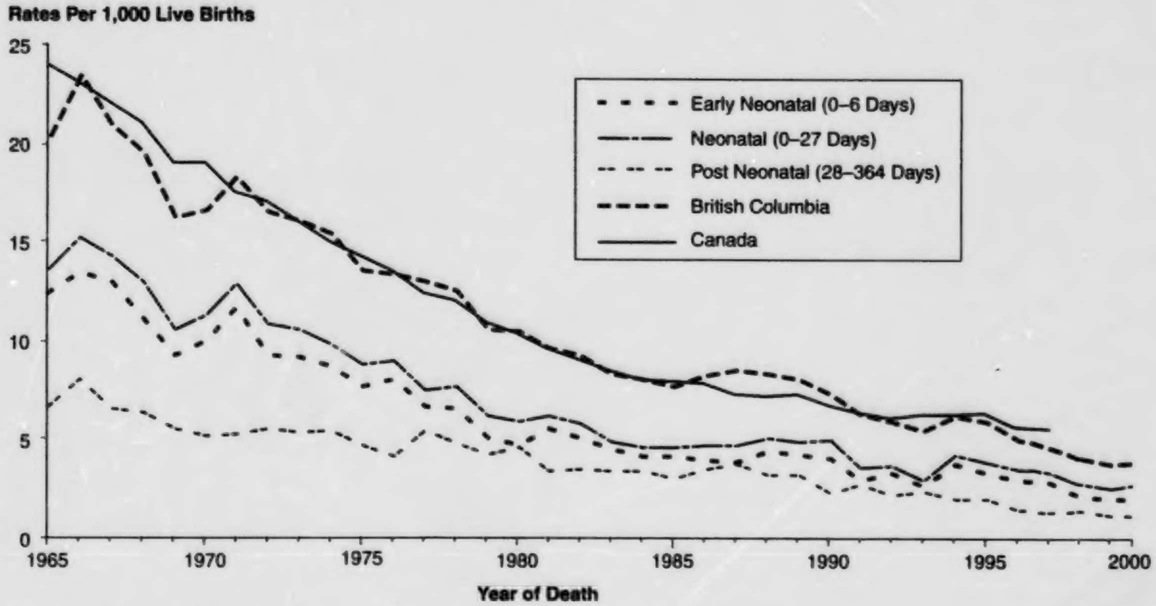
1997	125	2.8	146	3.3	56	1.3	–	202	4.5	5.5
1998	94	2.2	114	2.7	60	1.4	–	174	4.1	*
1999	84	2.0	107	2.6	51	1.2	–	158	3.8	*
2000	82	2.0	104	2.6	44	1.1	–	148	3.7	*

Note: Rates per 1,000 live births in the specified year.
N.S. – Not Stated.
Above information includes late registrations and amendments.
Canadian rates from Statistics Canada.
*Rates for Canada were not available.
Non-residents are excluded.

FIGURE 6
TRENDS OF INFANT MORTALITY
BRITISH COLUMBIA AND CANADA, 1965–2000



Note: 1998, 1999 and 2000 rates for Canada were not available.
Non-residents are excluded.

HIGHLIGHTS TO TABLE 4/FIGURE 6

- In 2000, there were 148 infant deaths (age at death less than one year) in the province, for an infant mortality rate of 3.7 per 1,000 live births, a record low rate for British Columbia. This is a slight decrease from 158 infant deaths and an infant mortality rate of 3.8 per 1,000 live births in 1999. In the last seven years, there has been a decrease in both the number of infant deaths and the infant mortality rate.
- Since 1991, the B.C. infant mortality rate has been consistently below the Canadian rate.
- Out of the 148 infant deaths in 2000:
  - 82 were in the early neonatal period (age at death less than 7 days)
  - 22 died between 7 and 27 days after birth
  - 44 were in the post-neonatal period (age at death 28–364 days).
- Infant mortality rates in B.C. have fallen dramatically to almost one sixth of the rates seen in 1965. Decreases in early neonatal mortality (age at death less than seven days) and neonatal mortality (age at death less than 28 days) have been major contributors to the overall decline in infant mortality rates over this time period. In Canada infant mortality rates have fallen to approximately one quarter of the rates seen in 1965.
- Perinatal mortality refers to fetal deaths (stillbirths) and early neonatal deaths (age at death less than 7 days). Since the causes of stillbirths and early neonatal deaths are often similar, the perinatal mortality rate is used as a health status measure. Reviewing perinatal mortality (by combining data from Tables 1 and 4) shows that the decline in infant deaths has not been offset by an increase in stillbirths.
- Post neonatal deaths decreased from 94 in 1995 to 44 in 2000 and the post neonatal mortality rate declined from 2.0 to 1.1 deaths per 1,000 live births. The 2000 post neonatal statistics were the lowest ever recorded in British Columbia.

TABLE 5

TRENDS IN AGE OF BRIDE AND GROOM

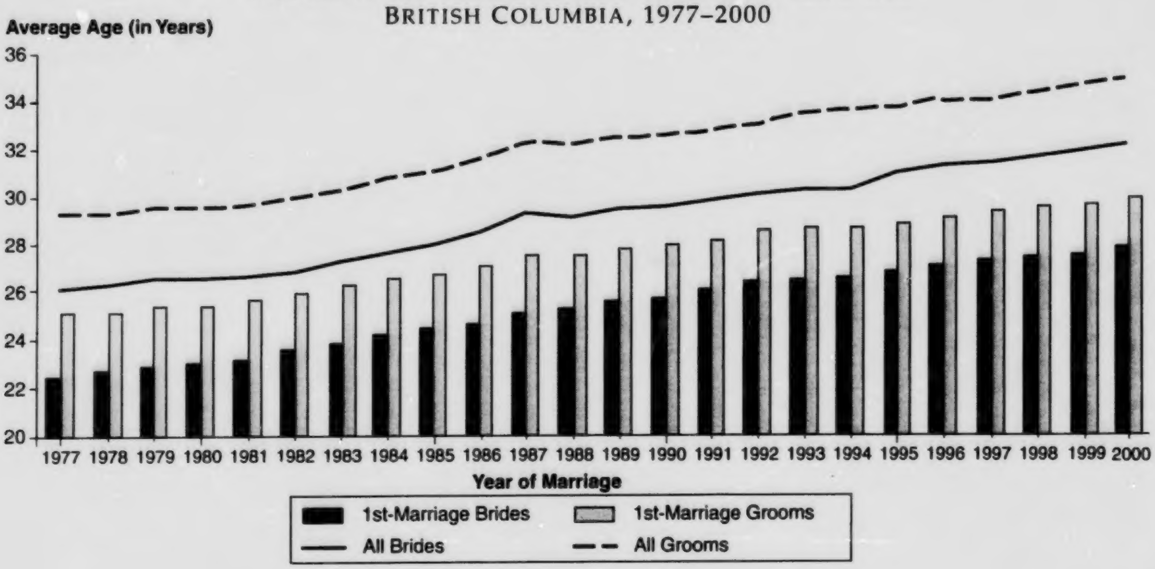
BRITISH COLUMBIA, 1977–2000

Year of Marriage	Average Age (in Years)			
	First Marriage		All Marriages	
	Bride	Groom	Bride	Groom
1977	22.5	25.2	26.2	29.3
1978	22.7	25.2	26.3	29.3
1979	22.9	25.5	26.6	29.6
1980	23.1	25.5	26.6	29.6
1981	23.2	25.7	26.7	29.7
1982	23.6	26.0	26.9	30.0
1983	23.9	26.3	27.3	30.3
1984	24.2	26.6	27.7	30.8
1985	24.5	26.8	28.0	31.1
1986	24.7	27.1	28.5	31.6
1987	25.1	27.6	29.3	32.3
1988	25.3	27.6	29.2	32.2
1989	25.6	27.8	29.5	32.5
1990	25.7	28.0	29.6	32.6
1991	26.1	28.2	29.9	32.8
1992	26.4	28.6	30.1	33.0
1993	26.5	29.0	30.4	33.4
1994	26.6	28.9	30.4	33.5
1995	26.8	29.1	31.1	33.6
1996	27.2	29.2	31.4	34.1
1997	27.3	29.4	31.3	34.1
1998	27.5	29.6	31.6	34.4
1999	27.7	29.8	31.8	34.7
2000	27.9	30.0	32.1	34.8

FIGURE 7

TRENDS IN AGE OF BRIDE AND GROOM

BRITISH COLUMBIA, 1977–2000



HIGHLIGHTS TO TABLE 5/FIGURE 7

- In 2000, the average age of first marriage brides was 27.9 years old, while first marriage grooms were, on average, 30.0 years old.
- In recent decades, there has been a steady increase in the average age of first marriages. First marriage brides in 2000 were 5.4 years older than first marriage brides in 1977, while first marriage grooms were 4.8 years older than first marriage grooms in 1977.
- The average ages of brides and grooms, for first and later marriages combined, have also climbed steadily since 1977. In 2000, the average age of all brides was 32.1 years old, while grooms were 34.8 years old.

TABLE 6

LIVE BIRTHS, DEATHS, MARRIAGES AND STILLBIRTHS BY MONTH

BRITISH COLUMBIA, 2000

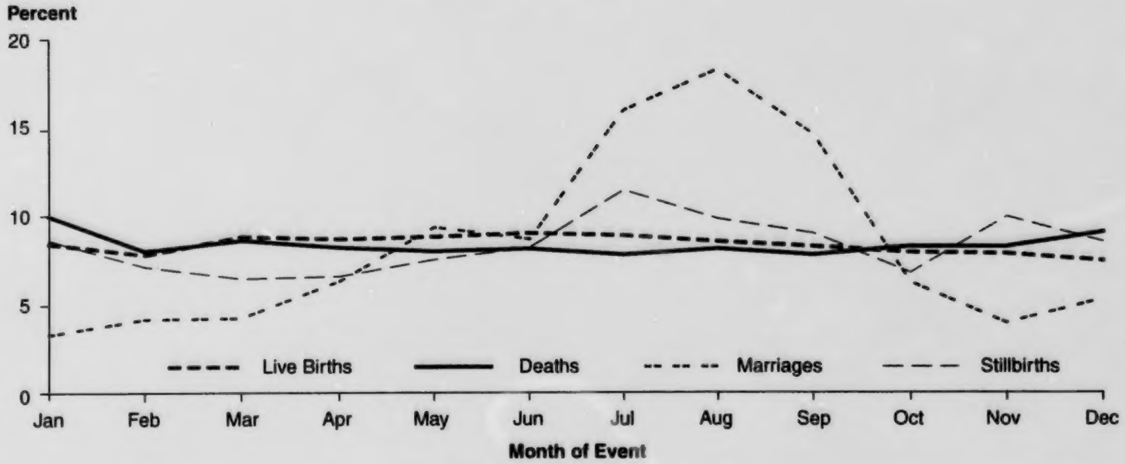
	Live Births		Deaths		Marriages		Stillbirths	
Month	Number	Percent	Number	Percent	Number	Percent	Number	Percent
January	3,355	8.3	2,706	9.9	739	3.3	24	8.6
February	3,158	7.8	2,169	8.0	927	4.2	20	7.2
March	3,584	8.9	2,354	8.6	926	4.2	18	6.5
April	3,477	8.6	2,249	8.2	1,364	6.2	18	6.5
May	3,539	8.7	2,177	8.0	2,019	9.1	21	7.5
June	3,624	9.0	2,219	8.1	1,885	8.5	23	8.2
July	3,557	8.8	2,126	7.8	3,534	16.0	32	11.5
August	3,406	8.4	2,211	8.1	4,021	18.2	27	9.7
September	3,357	8.3	2,126	7.8	3,222	14.6	25	9.0
October	3,248	8.0	2,235	8.2	1,376	6.2	19	6.8
November	3,160	7.8	2,238	8.2	860	3.9	28	10.0
December	3,002	7.4	2,463	9.0	1,201	5.4	24	8.6
Total residents	40,467	100.0	27,273	100.0	22,074	100.0	279	100.0
Non-residents	185		300				5	
TOTAL	**40,652**		**27,573**		**22,074**		**284**	

Note: Total percentage may not add up to 100 due to rounding.

FIGURE 8

LIVE BIRTHS, DEATHS, MARRIAGES AND STILLBIRTHS BY MONTH

BRITISH COLUMBIA, 2000



HIGHLIGHTS TO TABLE 6/FIGURE 8

- Of vital events in the province, only marriages show a seasonal distribution. In 2000, the most popular month to marry was August, with almost one fifth (18.2%) of the year's total marriages. The summer months, from May to September, were chosen by almost two thirds (66.4%) of 2000's brides and grooms. January was the least popular month for marriages in 2000.
- Live births were generally evenly distributed over the twelve months in 2000. June had the largest number of live births, while December had the lowest number.
- The highest number of deaths in 2000 occurred in January and the lowest numbers occurred in July and September.
- In 2000, the largest number of stillbirths was in July.

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TABLE 5
TRENDS IN AGE OF BRIDE AND GROOM
BRITISH COLUMBIA, 1977–2000

Year of Marriage	Average Age (in Years)			
	First Marriage		All Marriages	
	Bride	Groom	Bride	Groom
1977	22.5	25.2	26.2	29.3
1978	22.7	25.2	26.3	29.3
1979	22.9	25.5	26.6	29.6
1980	23.1	25.5	26.6	29.6
1981	23.2	25.7	26.7	29.7
1982	23.6	26.0	26.9	30.0
1983	23.9	26.3	27.3	30.3
1984	24.2	26.6	27.7	30.8
1985	24.5	26.8	28.0	31.1
1986	24.7	27.1	28.5	31.6
1987	25.1	27.6	29.3	32.3
1988	25.3	27.6	29.2	32.2
1989	25.6	27.8	29.5	32.5
1990	25.7	28.0	29.6	32.6
1991	26.1	28.2	29.9	32.8
1992	26.4	28.6	30.1	33.0
1993	26.5	29.0	30.4	33.4
1994	26.6	28.9	30.4	33.5
1995	26.8	29.1	31.1	33.6
1996	27.2	29.2	31.4	34.1
1997	27.3	29.4	31.3	34.1
1998	27.5	29.6	31.6	34.4
1999	27.7	29.8	31.8	34.7
2000	27.9	30.0	32.1	34.8

FIGURE 7
TRENDS IN AGE OF BRIDE AND GROOM
BRITISH COLUMBIA, 1977–2000

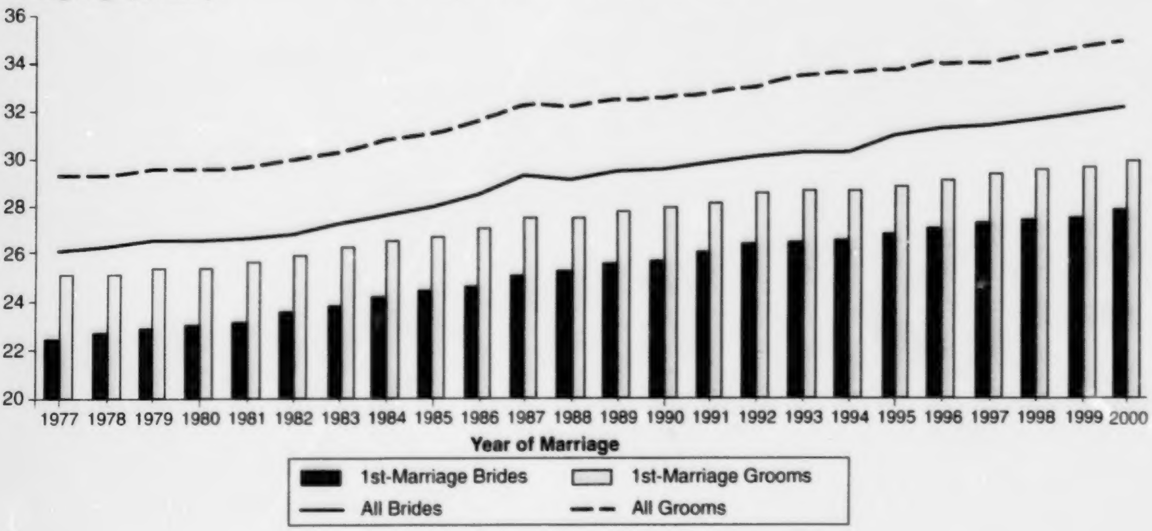

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TABLE 6
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BRITISH COLUMBIA, 2000

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Month	Number	Percent	Number	Percent	Number	Percent	Number	Percent
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February	3,158	7.8	2,169	8.0	927	4.2	20	7.2
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September	3,357	8.3	2,126	7.8	3,222	14.6	25	9.0
October	3,248	8.0	2,235	8.2	1,376	6.2	19	6.8
November	3,160	7.8	2,238	8.2	860	3.9	28	10.0
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Non-residents	185		300				5	
TOTAL	**40,652**		**27,573**		**22,074**		**284**	

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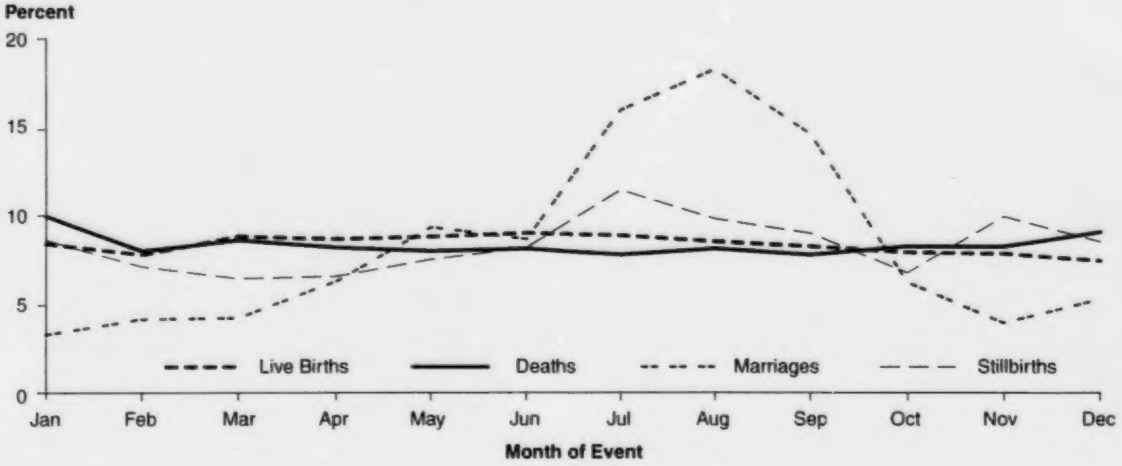
BRITISH COLUMBIA, 2000



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- Of vital events in the province, only marriages show a seasonal distribution. In 2000, the most popular month to marry was August, with almost one fifth (18.2%) of the year's total marriages. The summer months, from May to September, were chosen by almost two thirds (66.4%) of 2000's brides and grooms. January was the least popular month for marriages in 2000.
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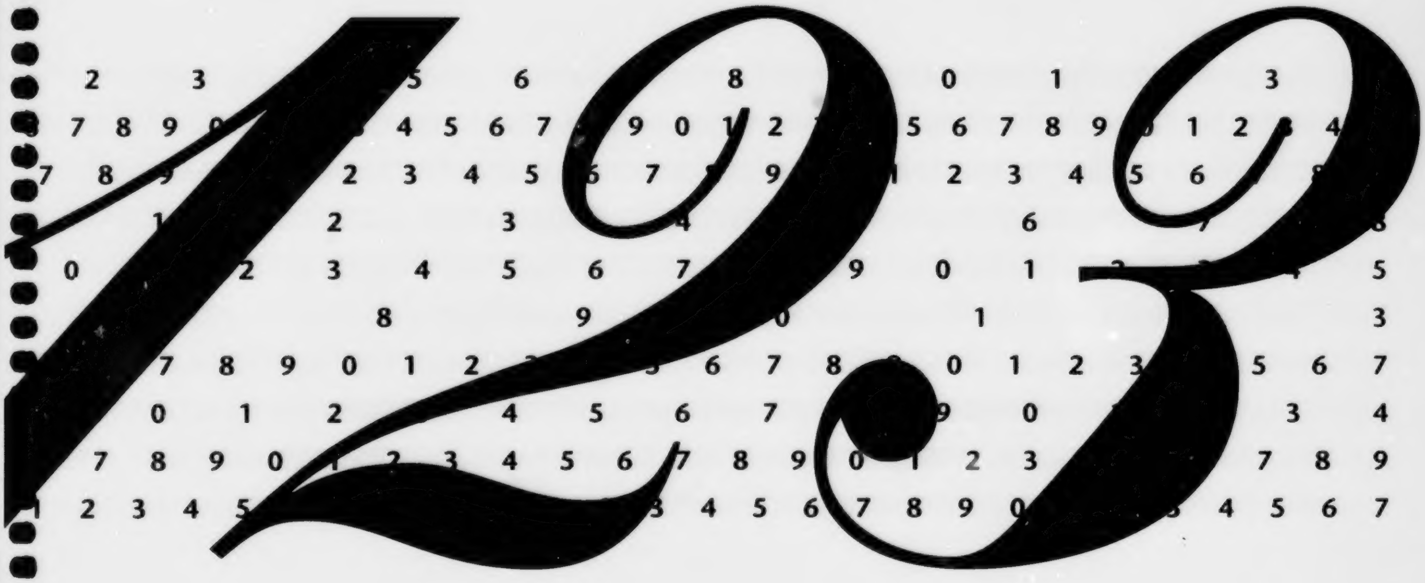
Birth-related Statistics



Summary

Statistics arising from birth events in British Columbia are presented in this section. These events are assigned to a Local Health Area (LHA) based on the usual residence of the mother. Information is included on birth weights, gestational ages, modes of delivery, maternal and paternal ages, birth orders, kinds of birth, complications of pregnancy and delivery, and complications in the perinatal period. Several tables are accompanied by maps depicting variations in rates or ratios by LHA.

Statistics on birth events for 2000 are summarized below:

- There were 40,467 live births and 279 stillbirths in the province to B.C. residents. The live birth rate was 9.95 per 1,000 population; the stillbirth rate was 6.85 per 1,000 total births.
- There were 20,771 males (51.3%) and 19,696 females (48.7%) born in 2000.
- The average age of B.C. women giving birth in 2000 was 29.4 years.
- Out of the 40,467 live births in 2000, only 2.5% were multiple births. There were 978 live born twins, 48 live born triplets and no quadruplets born in B.C. in 2000.
- Approximately two thirds of live births in 2000 were delivered spontaneously without assistance (forceps or vacuum). Nearly one fourth of all live births were delivered by cesarean section and almost two thirds of these were first cesareans. The 2000 cesarean section rate was 232.26 per 1,000 live births.
- Almost nine out of ten live births were delivered at term (from 37 to 41 weeks gestation) with normal birth weight (2,500 to 4,499 grams). These babies with "healthy" gestational ages and birth weights accounted for 88.0% of live births in 2000.
- In 2000, there were 2,077 live births with low birth weight (less than 2,500 grams). The provincial low birth weight (LBW) live birth rate was 51.33 per 1,000 live births.
- Of live births to teenage mothers (less than 20 years of age), 92.6% had healthy birth weights, 5.7% had low and 1.7% had high birth weights. For mothers in the 40 or older age group, 89.5% of live births had healthy birth weights, 7.3% had low and 3.1% had high birth weights.
- There were 2,859 pre-term (less than 37 weeks gestation) live births in 2000. A total of 1,528 babies (3.8%) were both pre-term and low birth weight; out of this group, only one in ten (156 births) was extremely premature (less than 28 weeks gestation) and had very low birth weight (less than 1,500 grams).

TABLE 7

BIRTHS BY AGE OF MOTHER AND LIVE BIRTHS BY BIRTH ORDER

BRITISH COLUMBIA, 2000

Age of Mother	Birth Order										Total Live Births	Stillbirths	Total Births
	1	2	3	4	5	6	7	8	9+	N.S.			
<13	1	–	–	–	–	–	–	–	–	–	1	–	1
13	–	–	–	–	–	–	–	–	–	–	–	–	–
14	14	–	–	–	–	–	–	–	–	–	14	1	15
15	70	–	–	–	–	–	–	–	–	–	70	–	70
16	158	11	1	–	–	–	–	–	–	–	170	2	172
17	284	18	1	–	–	–	–	–	–	–	303	–	303
18	456	92	3	–	–	–	–	–	–	1	552	–	552
19	588	124	13	–	–	–	–	–	–	1	726	5	731
20	684	210	31	1	–	–	–	–	–	–	926	4	930
21	696	323	60	11	4	2	–	–	–	1	1,097	7	1,104
22	769	408	98	25	6	–	–	–	–	–	1,306	6	1,312
23	789	507	140	31	3	1	–	–	–	–	1,471	10	1,481
24	865	583	161	47	11	–	–	–	–	1	1,668	7	1,675
25	979	674	236	51	25	6	1	–	–	1	1,973	11	1,984
26	1,065	738	283	65	11	4	–	1	–	2	2,169	16	2,185
27	1,124	815	304	84	10	5	1	–	–	–	2,343	15	2,358
28	1,260	928	309	79	25	10	1	–	–	–	2,612	16	2,628
29	1,254	999	394	110	23	10	3	2	–	1	2,796	23	2,819
30	1,239	1,031	392	124	35	15	7	2	2	–	2,847	20	2,867
31	1,119	1,131	428	114	33	10	4	–	–	–	2,839	23	2,862
32	962	1,059	367	116	42	10	4	1	1	–	2,562	13	2,575
33	792	884	365	106	20	7	4	5	1	–	2,184	17	2,201
34	657	865	362	99	34	7	6	4	1	–	2,035	16	2,051
35	552	770	333	117	35	13	5	1	2	1	1,829	10	1,839
36	507	675	316	113	29	13	1	5	3	–	1,662	12	1,674
37	409	505	232	104	33	16	5	–	4	–	1,308	10	1,318
38	291	394	192	68	29	13	6	2	8	–	1,003	11	1,014
39	215	290	132	57	20	13	4	1	8	–	740	9	749
40	147	192	92	42	16	6	1	2	10	–	508	1	509
41	99	130	69	40	11	14	4	5	4	–	376	5	381
42	40	69	35	19	8	6	2	1	4	–	184	6	190
43	19	37	13	7	2	–	3	–	3	–	84	2	86
44	15	16	11	8	4	2	1	2	4	–	63	1	64
45+	15	10	7	6	2	–	2	2	2	–	46	–	46
N.S.	–	–	–	–	–	–	–	–	–	–	–	–	–
TOTAL	**18,134**	**14,488**	**5,380**	**1,644**	**471**	**183**	**65**	**36**	**57**	**9**	**40,467**	**279**	**40,746**

Note: Birth order denotes the number of live births. Non-residents are excluded. N.S. – Not Stated.

HIGHLIGHTS TO TABLE 7

- Of the 40,467 live births in 2000, almost half (44.8%) were first born (18,134), more than a third (35.8%) were second born (14,488), and about one in five (19.4%) was third born or greater (7,836).
- The average age of B.C. women giving birth in 2000 was 29.4 years. The average maternal age of first live births was 27.8 years, compared to 30.1 years for mothers of second live births and 31.7 years for mothers having their third or more live birth.
- In 2000, there were 1,836 live births to mothers younger than 20 years old, resulting in a teenage mother rate of 45.37 per 1,000 live births (calculated from data presented in this table).
- There were 7,803 live births to mother aged 35 or older in 2000. The elderly gravida rate has increased in recent years; the 2000 rate was 192.82 per 1,000 live births.
- There were 279 stillbirths in 2000. Including stillbirths, there were 40,746 total births in 2000 to B.C. residents. The 2000 stillbirth rate was 6.85 per 1,000 total births.

TABLE 7

BIRTHS BY AGE OF MOTHER AND LIVE BIRTHS BY BIRTH ORDER

BRITISH COLUMBIA, 2000

Age of Mother	Birth Order										Total Live Births	Stillbirths	Total Births
	1	2	3	4	5	6	7	8	9+	N.S.			
<13	1	–	–	–	–	–	–	–	–	–	1	–	1
13	–	–	–	–	–	–	–	–	–	–	–	–	–
14	14	–	–	–	–	–	–	–	–	–	14	1	15
15	70	–	–	–	–	–	–	–	–	–	70	–	70
16	158	11	1	–	–	–	–	–	–	–	170	2	172
17	284	18	1	–	–	–	–	–	–	–	303	–	303
18	456	92	3	–	–	–	–	–	–	1	552	–	552
19	588	124	13	–	–	–	–	–	–	1	726	5	731
20	684	210	31	1	–	–	–	–	–	–	926	4	930
21	696	323	60	11	4	2	–	–	–	1	1,097	7	1,104
22	769	408	98	25	6	–	–	–	–	–	1,306	6	1,312
23	789	507	140	31	3	1	–	–	–	–	1,471	10	1,481
24	865	583	161	47	11	–	–	–	–	1	1,668	7	1,675
25	979	674	236	51	25	6	1	–	–	1	1,973	11	1,984
26	1,065	738	283	65	11	4	–	1	–	2	2,169	16	2,185
27	1,124	815	304	84	10	5	1	–	–	–	2,343	15	2,358
28	1,260	928	309	79	25	10	1	–	–	–	2,612	16	2,628
29	1,254	999	394	110	23	10	3	2	–	1	2,796	23	2,819
30	1,239	1,031	392	124	35	15	7	2	2	–	2,847	20	2,867
31	1,119	1,131	428	114	33	10	4	–	–	–	2,839	23	2,862
32	962	1,059	367	116	42	10	4	1	1	–	2,562	13	2,575
33	792	884	365	106	20	7	4	5	1	–	2,184	17	2,201
34	657	865	362	99	34	7	6	4	1	–	2,035	16	2,051
35	552	770	333	117	35	13	5	1	2	1	1,829	10	1,839
36	507	675	316	113	29	13	1	5	3	–	1,662	12	1,674
37	409	505	232	104	33	16	5	–	4	–	1,308	10	1,318
38	291	394	192	68	29	13	6	2	8	–	1,003	11	1,014
39	215	290	132	57	20	13	4	1	8	–	740	9	749
40	147	192	92	42	16	6	1	2	10	–	508	1	509
41	99	130	69	40	11	14	4	5	4	–	376	5	381
42	40	69	35	19	8	6	2	1	4	–	184	6	190
43	19	37	13	7	2	–	3	–	3	–	84	2	86
44	15	16	11	8	4	2	1	2	4	–	63	1	64
45+	15	10	7	6	2	–	2	2	2	–	46	–	46
N.S.	–	–	–	–	–	–	–	–	–	–	–	–	–
TOTAL	**18,134**	**14,488**	**5,380**	**1,644**	**471**	**183**	**65**	**36**	**57**	**9**	**40,467**	**279**	**40,746**

Note: Birth order denotes the number of live births. Non-residents are excluded. N.S. – Not Stated.

HIGHLIGHTS TO TABLE 7

- Of the 40,467 live births in 2000, almost half (44.8%) were first born (18,134), more than a third (35.8%) were second born (14,488), and about one in five (19.4%) was third born or greater (7,836).
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- There were 279 stillbirths in 2000. Including stillbirths, there were 40,746 total births in 2000 to B.C. residents. The 2000 stillbirth rate was 6.85 per 1,000 total births.

VITAL STATISTICS INFORMATION BOX

MOST CHOSEN FIRST NAMES FOR BABIES IN 2000

Each year the B.C. Vital Statistics Agency produces a brochure listing all the given names that were chosen for five or more babies in the previous calendar year. The counts are based on the exact spelling chosen by the parents for their newborn's first given name. In 2000, the list contained 558 names for boys and 623 names for girls. The most chosen names were:

	Baby Boys		Baby Girls	
Rank	**Name**	**Number**	**Name**	**Number**
1	Joshua	392	Emily	359
2	Matthew	326	Sarah	247
3	Jacob	277	Emma	239
4	Ryan	260	Hannah	226
5	Nicholas	257	Jessica	226
6	Ethan	239	Madison	170
7	Michael	216	Ashley	151
8	Benjamin	209	Megan	147
9	Brandon	198	Olivia	144
10	Alexander	191	Taylor	142
11	Justin	187	Rachel	129
12	Daniel	182	Julia	124
13	Andrew	176	Mackenzie	124
14	William	176	Sydney	124
15	Dylan	175	Nicole	122
16	Tyler	175	Samantha	118
17	Noah	174	Lauren	111
18	Liam	171	Grace	109
19	Kyle	170	Alexandra	108
20	Jordan	164	Alyssa	103
21	Nathan	160	Kayla	103
22	James	157	Amanda	101
23	Cameron	150	Jenna	101
24	David	143	Kaitlyn	101
25	Samuel	135	Chloe	95

The complete list of chosen names can be found on the Agency's website at http://www.vs.gov.bc.ca/.

TABLE 8

LIVE BIRTHS BY AGE OF FATHER, AGE OF MOTHER AND OUT-OF-WEDLOCK

BRITISH COLUMBIA, 2000

Age of Father	Age of Mother (in Years)									Total	Percent
	<15	15–19	20–24	25–29	30–34	35–39	40–44	45+	N.S.		
<15	1	–	–	–	–	–	–	–	–	1	0.0
15–19	4	383	55	6	2	–	–	–	–	450	1.1
20–24	2	678	1,888	418	99	13	3	–	–	3,101	7.7
25–29	–	206	2,375	4,605	1,151	171	19	–	–	8,527	21.1
30–34	–	74	923	4,258	5,691	1,100	115	3	–	12,164	30.1
35–39	–	11	282	1,446	3,864	3,060	301	9	–	8,973	22.2
40–44	–	5	74	392	942	1,399	461	9	–	3,282	8.1
45+	–	1	31	121	328	561	253	21	–	1,316	3.3
N.S.	8	463	840	647	390	238	63	4	–	2,653	6.6
TOTAL	**15**	**1,821**	**6,468**	**11,893**	**12,467**	**6,542**	**1,215**	**46**	**–**	**40,467**	
Percent	**0.0**	**4.5**	**16.0**	**29.4**	**30.8**	**16.2**	**3.0**	**0.1**	**–**		100.0
Out-of-Wedlock	**11**	**1,443**	**3,009**	**2,409**	**1,700**	**999**	**249**	**10**	**–**	**9,830**	

Note: Total percentage may not add up to 100 due to rounding. Out-of-Wedlock denotes mother and father of child were not legally married to each other and excludes 2,035 cases where marital status was not stated. Non-residents are excluded. N.S. – Not Stated.

HIGHLIGHTS TO TABLE 8

- Out of 100 live births in 2000, approximately:
  - 5 were to teenage mothers, less than 20 years old (1,836)
  - 45 were to mothers 20 to 29 years old (18,361)
  - 47 were to mothers 30 to 39 years old (19,009)
  - 3 were to mothers 40 years of age or older (1,261)
- Out of 100 live births in 2000, approximately:
  - 1 was to a teenage father, less than 20 years old (451)
  - 29 were to fathers 20 to 29 years old (11,628)
  - 52 were to fathers 30 to 39 years old (21,137)
  - 11 were to fathers 40 years of age or older (4,598)
  - 7 did not include father's age (2,653)
- There were 388 live births (1.0%) where both parents were teenagers (less than 20 years of age) and 1,040 where only one of the parents was a teenager (2.6%).
- There were 744 live births (1.8%) where both parents were 40 years of age or older and 4,304 births where only one of the parents was 40 years or older (10.6%).
- One quarter (24.3%) of the live births in 2000 were reported as out-of-wedlock (9,830). The actual number of out-of-wedlock births may be even higher since this excludes births where it was not known if the parents were married to each other.

TABLE 9
LIVE BIRTHS BY AGE OF MOTHER AND KIND OF BIRTH
BRITISH COLUMBIA, 2000

Age of Mother	Kind of Birth			Total
	Single	Twin	Triplets+	
<15	15	–	–	15
15–19	1,793	28	–	1,821
20–24	6,357	105	6	6,468
25–29	11,609	272	12	11,893
30–34	12,116	336	15	12,467
35–39	6,341	189	12	6,542
40–44	1,168	44	3	1,215
45+	42	4	–	46
N.S.	–	–	–	–
TOTAL	**39,441**	**978**	**48**	**40,467**

Note: For the multiple births which include stillbirths, only live births are shown in this table.
Triplets+: included in this column are the live births from multiple births of three or more.
Non-residents are excluded. N.S. – Not Stated.

HIGHLIGHTS TO TABLE 9

- Out of the 40,467 live births in 2000, only 1,026 or 2.5% were multiple births.
- Of all live births in 2000:
  - Almost all (97.5%) were singletons (39,441)
  - One twin was born out of every 41 live births (978 twins)
  - A triplet was born once in approximately 843 live births (48 triplets)
  - There were no quadruplets born in B.C. in 2000.
- Older mothers, 35 years of age or older, had the highest proportion of multiple births; 252 births or 3.2% of live births to these mothers were multiple births. The 746 multiple births to mothers aged 20 to 34 years accounted for 2.4% of births to mothers in this age group. The lowest proportion of multiple births were to teenage mothers; the 28 twins born to teenage mothers accounted for 1.5% of births to mothers in this age group.

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LIVE BIRTH FERTILITY RATES BY LOCAL HEALTH AREA

Local Health Area		1995–1999 Teenage Fertility Rate (15–19 yrs)			2000 ASFR[1]						TFR[2]	
		Observed	ASFR[1]	(p)	15–19	20–24	25–29	30–34	35–39	40–44	Rate	(p)
001	Fernie	66	20.61		12.56	41.05	93.61	66.13	26.99	2.41	1,213.76	
002	Cranbrook	112	23.49	*	23.21	57.21	94.15	55.96	13.81	2.90	1,236.21	
003	Kimberley	25	15.87		16.95	54.61	89.29	87.34	8.96	4.98	1,310.54	
004	Windermere	22	15.27		8.31	39.43	90.23	83.08	15.77	6.90	1,218.51	
005	Creston	76	41.74	*	48.72	90.91	146.15	76.92	34.33	14.80	2,059.22	*
006/007	Kootenay Lake/Nelson	76	14.13	*	7.87	46.30	100.74	83.44	42.27	9.50	1,450.54	
009	Castlegar	41	15.73		1.86	49.15	75.83	63.29	19.89	–	1,050.06	*
010	Arrow Lakes	24	28.14		5.78	68.97	118.11	57.14	24.75	–	1,373.76	
011	Trail	45	12.04	*	5.94	43.99	128.21	97.84	22.78	5.13	1,519.47	
012/013	Grand Forks/Kettle Valley	36	17.59		21.65	47.32	120.00	51.61	16.99	5.43	1,314.98	
014	Southern Okanagan	37	15.53		24.44	62.23	139.73	96.39	28.12	3.20	1,770.51	*
015	Penticton	161	27.88	*	20.36	63.64	92.35	78.38	25.13	4.23	1,420.48	
016	Keremeos	24	36.81	*	7.09	118.18	158.54	94.34	24.84	–	2,014.97	*
017	Princeton	22	28.80		6.45	35.97	91.84	100.84	20.00	4.74	1,299.20	
018	Golden	33	23.86		23.65	56.22	76.23	65.97	2.73	–	1,124.06	
019	Revelstoke	32	19.55		18.24	89.36	127.36	45.59	22.56	–	1,515.53	
020	Salmon Arm	80	15.31		10.42	64.95	90.77	60.68	20.87	2.85	1,252.63	
021	Armstrong–Spallumcheen	32	16.56		9.30	67.96	98.52	59.29	35.80	–	1,354.37	
022	Vernon	211	21.00	*	12.13	53.11	112.35	70.69	25.66	3.54	1,387.44	
023	Central Okanagan	395	17.59		12.98	56.04	94.92	83.74	26.65	6.03	1,401.81	
024	Kamloops	362	19.59	*	16.48	54.56	82.58	67.60	22.20	4.42	1,239.22	*
025	100 Mile House	53	18.56		17.57	80.00	123.94	53.86	18.10	1.46	1,474.68	
026	North Thompson	31	31.22	*	18.02	62.50	95.24	56.12	26.67	4.29	1,314.19	
027	Cariboo–Chilcotin	187	31.27	*	32.61	91.49	92.87	63.98	19.15	4.53	1,523.15	
028	Quesnel	170	31.91	*	19.44	55.50	92.62	59.55	17.46	2.55	1,235.58	
029	Lillooet	37	40.31	*	26.18	69.18	110.29	106.67	20.08	–	1,662.01	
030	South Cariboo	55	38.22	*	19.87	67.51	93.33	34.04	27.59	3.32	1,228.31	
031	Merritt	78	36.62	*	26.03	87.53	82.86	67.02	14.93	1.91	1,401.39	
032	Hope	59	40.00	*	42.07	109.65	125.00	95.65	21.81	5.62	1,998.99	*
033	Chilliwack	368	32.62	*	23.43	63.39	118.66	87.04	31.31	3.47	1,636.56	*
034	Abbotsford	415	21.91	*	19.10	91.61	146.23	92.91	31.34	6.02	1,936.02	*
035	Langley	209	10.96	*	11.60	48.35	124.88	95.20	32.51	5.31	1,589.29	*
036	Surrey	897	16.61		14.51	76.23	135.60	103.06	38.32	7.14	1,874.27	*
037	Delta	139	7.72	*	6.98	35.25	108.94	106.13	40.48	6.40	1,520.94	*
038	Richmond	141	5.08	*	3.83	21.30	69.86	96.49	51.26	8.35	1,255.45	*
040	New Westminster	151	26.51	*	24.39	53.52	70.46	81.29	42.19	12.88	1,423.68	
041	Burnaby	320	11.52	*	8.95	32.63	68.73	87.56	47.76	9.72	1,276.71	*
042	Maple Ridge	195	15.95		10.69	47.64	139.38	91.58	34.89	6.53	1,653.56	*
043	Coquitlam	277	9.36	*	8.34	36.69	96.51	99.96	45.69	7.21	1,472.00	*
044	North Vancouver	90	4.78	*	5.07	18.46	69.76	107.89	56.50	11.37	1,345.25	
045	West Vancouver–Bowen Is.	14	1.79	*	1.30	8.76	47.66	120.19	62.50	9.98	1,251.96	
046	Sechelt	53	13.69		11.78	51.14	97.69	95.24	38.18	6.80	1,504.10	
047	Powell River	95	28.32	*	16.67	50.52	136.75	67.71	31.29	2.41	1,526.73	
048	Howe Sound	84	18.14		15.00	32.26	59.66	102.36	48.50	12.69	1,352.28	
049	Bella Coola Valley	34	59.75	*	34.01	137.25	84.11	62.99	45.45	–	1,819.14	
050	Queen Charlotte	29	38.46	*	24.69	76.43	119.05	96.53	26.22	–	1,714.57	
051	Snow Country	5	26.18		–	114.29	103.45	96.77	–	–	1,572.54	
052	Prince Rupert	159	45.77	*	35.01	68.32	94.96	66.29	28.80	4.96	1,491.75	
053	Upper Skeena	67	54.47	*	34.72	75.12	86.73	75.10	23.53	–	1,476.01	
054	Smithers	107	29.86	*	30.67	105.02	152.48	81.81	31.54	3.42	2,024.70	*
055/093	Burns Lake	49	29.97	*	29.94	85.03	151.39	72.24	24.22	3.56	1,831.96	*
056	Nechako	169	43.70	*	22.64	91.29	119.30	67.82	26.70	2.76	1,652.56	*
057	Prince George	496	24.65	*	20.61	67.37	92.96	64.59	20.62	3.16	1,346.51	
059	Peace River South	193	36.95	*	23.65	84.07	100.62	55.66	22.39	2.70	1,445.39	
060	Peace River North	179	31.34	*	43.58	107.73	138.72	96.60	34.60	10.19	2,157.11	*
061	Greater Victoria	438	15.82	*	13.55	36.76	54.22	64.93	37.40	6.97	1,069.20	*
062	Sooke	130	14.93		12.33	60.94	116.79	89.29	33.60	6.98	1,599.58	*
063	Saanich	89	10.15	*	3.76	30.89	96.83	83.52	33.37	7.81	1,280.90	
064	Gulf Islands	22	11.94	*	4.50	34.48	125.46	67.52	51.22	3.22	1,432.07	
065	Cowichan	221	23.96	*	22.80	58.58	125.93	88.89	30.71	6.27	1,665.86	*
066	Lake Cowichan	23	18.43		26.52	101.60	134.75	45.00	24.00	3.31	1,675.91	
067	Ladysmith	93	34.92	*	21.20	70.48	106.63	70.64	17.12	10.42	1,482.47	
068	Nanaimo	326	21.69	*	12.77	53.84	80.87	58.30	28.07	2.42	1,181.32	*
069	Qualicum	65	13.59	*	6.43	42.25	102.94	65.68	20.27	6.36	1,219.64	
070	Alberni	205	33.20	*	29.69	70.21	100.11	70.58	17.61	5.09	1,466.40	
071	Courtenay	198	20.26		11.22	59.40	95.35	62.93	33.43	3.56	1,329.43	
072/084	Campbell River/V.I. West	191	23.22	*	28.99	61.58	98.22	61.98	21.99	2.32	1,375.35	
075	Mission	177	26.89	*	16.33	82.59	118.11	78.95	28.68	6.04	1,653.48	*
076	Agassiz–Harrison	51	45.13	*	30.42	103.29	127.91	86.12	32.49	12.23	1,962.30	*
077	Summerland	13	6.99	*	6.99	40.63	76.92	123.81	31.63	12.30	1,461.38	
078	Enderby	28	21.69		13.03	91.35	145.70	32.56	27.03	–	1,548.28	
080	Kitimat	70	25.86	*	8.59	70.97	112.99	71.76	19.64	5.03	1,444.94	
081	Fort Nelson	50	40.78	*	27.24	85.27	91.84	62.31	6.45	–	1,365.56	
083	Central Coast	15	45.45	*	25.32	166.67	42.11	52.63	19.61	–	1,531.64	
085	Vancouver Island North	150	51.78	*	32.59	118.45	101.66	51.64	28.26	1.56	1,670.83	*
087/094	Stikine/Telegraph Creek	13	36.11		58.82	96.15	119.40	34.48	30.61	–	1,697.38	
088	Terrace	147	33.41	*	27.62	87.82	114.70	62.50	21.72	5.07	1,597.10	*
092	Nisga'a	22	55.42	*	47.17	95.24	166.67	90.91	38.46	11.49	2,249.70	*
161	Vancouver City Centre	17	3.10	*	1.60	8.09	22.96	40.92	43.46	7.44	622.32	*
162	Vancouver Downtown E. Side	122	26.24	*	19.12	37.75	40.99	54.32	34.92	14.05	1,005.75	*
163	Vancouver North East	181	13.50	*	8.06	37.69	82.64	89.89	51.24	10.76	1,401.38	
164	Vancouver West Side	23	1.32	*	1.06	7.26	26.80	80.58	59.50	10.76	929.82	*
165	Vancouver Midtown	145	13.79	*	13.46	41.98	76.75	77.64	51.90	13.83	1,377.74	
166	Vancouver South	170	8.60	*	6.53	33.45	77.23	87.25	51.54	9.61	1,328.03	
039	**VANCOUVER TOTAL**	**659**	**9.24**	*	**6.44**	**22.70**	**48.41**	**70.47**	**50.00**	**10.79**	**1,044.07**	*
	PROVINCIAL TOTAL	**10,918**	**17.41**		**13.83**	**48.97**	**86.64**	**81.89**	**37.14**	**6.93**	**1,376.92**	

Note: [1]Age-Specific Fertility Rate (ASFR): Live births per 1,000 women in each specific age group of childbearing age. [2]Total Fertility Rate (TFR): Sum of age-specific (15 to 44 years) fertility rates multiplied by the number of years in each age group (see Glossary for definition). *Statistical testing indicates that fertility rate is significantly different from the average rate ($p<0.05$, two tailed). LHA 039 Vancouver Total may include unspecified Vancouver addresses. Non-residents and unknown LHA are excluded.

LIVE BIRTH FERTILITY RATES BY LOCAL HEALTH AREA

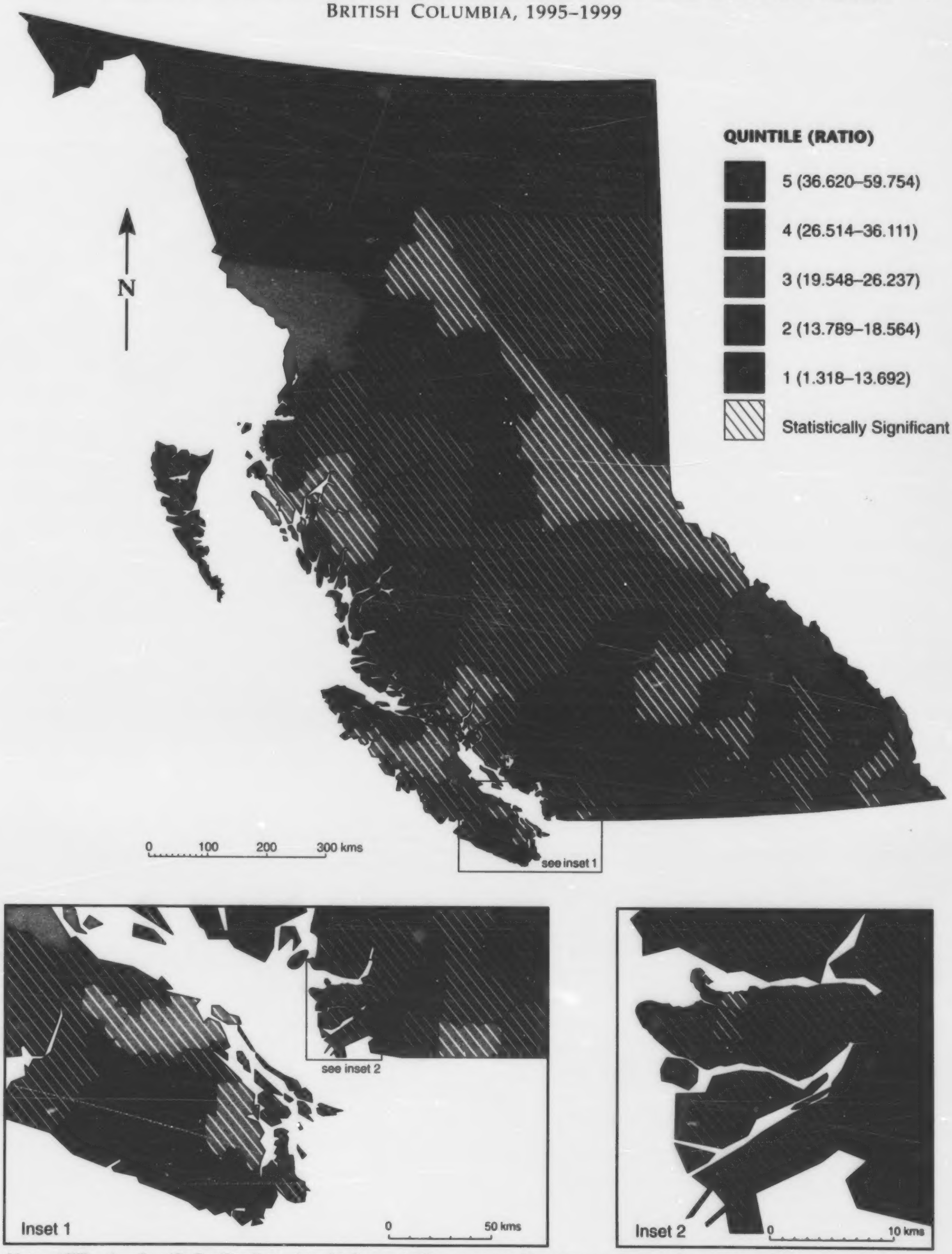
		1995–1999 Teenage Fertility Rate (15–19 yrs)			2000 ASFR[1]						TFR[2]	
Local Health Area		Observed	ASFR[1]	(p)	15–19	20–24	25–29	30–34	35–39	40–44	Rate	(p)
001	Fernie	66	20.61		12.56	41.05	93.61	66.13	26.99	2.41	1,213.76	
002	Cranbrook	112	23.49	*	23.21	57.21	94.15	55.96	13.81	2.90	1,236.21	
003	Kimberley	25	15.87		16.95	54.61	89.29	87.34	8.96	4.98	1,310.54	
004	Windermere	22	15.27		8.31	39.43	90.23	83.08	15.77	6.90	1,218.51	
005	Creston	76	41.74	*	48.72	90.91	146.15	76.92	34.33	14.80	2,059.22	*
006/007	Kootenay Lake/Nelson	76	14.13	*	7.87	46.30	100.74	83.44	42.27	9.50	1,450.54	
009	Castlegar	41	15.73		1.86	49.15	75.83	63.29	19.89	–	1,050.06	*
010	Arrow Lakes	24	28.14		5.78	68.97	118.11	57.14	24.75	–	1,373.76	
011	Trail	45	12.04	*	5.94	43.99	128.21	97.84	22.78	5.13	1,519.47	
012/013	Grand Forks/Kettle Valley	36	17.59		21.65	47.32	120.00	51.61	16.99	5.43	1,314.98	
014	Southern Okanagan	37	15.53		24.44	62.23	139.73	96.39	28.12	3.20	1,770.51	*
015	Penticton	161	27.88	*	20.36	63.64	92.35	78.38	25.13	4.23	1,420.48	
016	Keremeos	24	36.81	*	7.09	118.18	158.54	94.34	24.84	–	2,014.97	*
017	Princeton	22	28.80		6.45	35.97	91.84	100.84	20.00	4.74	1,299.20	
018	Golden	33	23.86		23.65	56.22	76.23	65.97	2.73	–	1,124.06	
019	Revelstoke	32	19.55		18.24	89.36	127.36	45.59	22.56	–	1,515.53	
020	Salmon Arm	80	15.31		10.42	64.95	90.77	60.68	20.87	2.85	1,252.63	
021	Armstrong–Spallumcheen	32	16.56		9.30	67.96	98.52	59.29	35.80	–	1,354.37	
022	Vernon	211	21.00	*	12.13	53.11	112.35	70.69	25.66	3.54	1,387.44	
023	Central Okanagan	395	17.59		12.98	56.04	94.92	83.74	26.65	6.03	1,401.81	
024	Kamloops	362	19.59	*	16.48	54.56	82.58	67.60	22.20	4.42	1,239.22	*
025	100 Mile House	53	18.56		17.57	80.00	123.94	53.86	18.10	1.46	1,474.68	
026	North Thompson	31	31.22	*	18.02	62.50	95.24	56.12	26.67	4.29	1,314.19	
027	Cariboo–Chilcotin	187	31.27	*	32.61	91.49	92.87	63.98	19.15	4.53	1,523.15	
028	Quesnel	170	31.91	*	19.44	55.50	92.62	59.55	17.46	2.55	1,235.58	
029	Lillooet	37	40.31	*	26.18	69.18	110.29	106.67	20.08	–	1,662.01	
030	South Cariboo	55	38.22	*	19.87	67.51	93.33	34.04	27.59	3.32	1,228.31	
031	Merritt	78	36.62	*	26.03	87.53	82.86	67.02	14.93	1.91	1,401.39	
032	Hope	59	40.00	*	42.07	109.65	125.00	95.65	21.81	5.62	1,998.99	*
033	Chilliwack	368	32.62	*	23.43	63.39	118.66	87.04	31.31	3.47	1,636.56	*
034	Abbotsford	415	21.91	*	19.10	91.61	146.23	92.91	31.34	6.02	1,936.02	*
035	Langley	209	10.96	*	11.60	48.35	124.88	95.20	32.51	5.31	1,589.29	*
036	Surrey	897	16.61		14.51	76.23	135.60	103.06	38.32	7.14	1,874.27	*
037	Delta	139	7.72	*	6.98	35.25	108.94	106.13	40.48	6.40	1,520.94	*
038	Richmond	141	5.08	*	3.83	21.30	69.86	96.49	51.26	8.35	1,255.45	*
040	New Westminster	151	26.51	*	24.39	53.52	70.46	81.29	42.19	12.88	1,423.68	
041	Burnaby	320	11.52	*	8.95	32.63	68.73	87.56	47.76	9.72	1,276.71	*
042	Maple Ridge	195	15.95		10.69	47.64	139.38	91.58	34.89	6.53	1,653.56	*
043	Coquitlam	277	9.36	*	8.34	36.69	96.51	99.96	45.69	7.21	1,472.00	*
044	North Vancouver	90	4.78	*	5.07	18.46	69.76	107.89	56.50	11.37	1,345.25	
045	West Vancouver–Bowen Is.	14	1.79	*	1.30	8.76	47.66	120.19	62.50	9.98	1,251.96	
046	Sechelt	53	13.69		11.78	51.14	97.69	95.24	38.18	6.80	1,504.10	
047	Powell River	95	28.32	*	16.67	50.52	136.75	67.71	31.29	2.41	1,526.73	
048	Howe Sound	84	18.14		15.00	32.26	59.66	102.36	48.50	12.69	1,352.28	
049	Bella Coola Valley	34	59.75	*	34.01	137.25	84.11	62.99	45.45	–	1,819.14	
050	Queen Charlotte	29	38.46	*	24.69	76.43	119.05	96.53	26.22	–	1,714.57	
051	Snow Country	5	26.18		–	114.29	103.45	96.77	–	–	1,572.54	
052	Prince Rupert	159	45.77	*	35.01	68.32	94.96	66.29	28.80	4.96	1,491.75	
053	Upper Skeena	67	54.47	*	34.72	75.12	86.73	75.10	23.53	–	1,476.01	
054	Smithers	107	29.86	*	30.67	105.02	152.48	81.81	31.54	3.42	2,024.70	*
055/093	Burns Lake	49	29.97	*	29.94	85.03	151.39	72.24	24.22	3.56	1,831.96	*
056	Nechako	169	43.70	*	22.64	91.29	119.30	67.82	26.70	2.76	1,652.56	*
057	Prince George	496	24.65	*	20.61	67.37	92.96	64.59	20.62	3.16	1,346.51	
059	Peace River South	193	36.95	*	23.65	84.07	100.62	55.66	22.39	2.70	1,445.39	
060	Peace River North	179	31.34	*	43.58	107.73	138.72	96.60	34.60	10.19	2,157.11	*
061	Greater Victoria	438	15.82	*	13.55	36.76	54.22	64.93	37.40	6.97	1,069.20	*
062	Sooke	130	14.93		12.33	60.94	116.79	89.29	33.60	6.98	1,599.58	*
063	Saanich	89	10.15	*	3.76	30.89	96.83	83.52	33.37	7.81	1,280.90	
064	Gulf Islands	22	11.94	*	4.50	34.48	125.46	67.52	51.22	3.22	1,432.07	
065	Cowichan	221	23.96	*	22.80	58.58	125.93	88.89	30.71	6.27	1,665.86	*
066	Lake Cowichan	23	18.43		26.52	101.60	134.75	45.00	24.00	3.31	1,675.91	
067	Ladysmith	93	34.92	*	21.20	70.48	106.63	70.64	17.12	10.42	1,482.47	
068	Nanaimo	326	21.69	*	12.77	53.84	80.87	58.30	28.07	2.42	1,181.32	*
069	Qualicum	65	13.59	*	6.43	42.25	102.94	65.68	20.27	6.36	1,219.64	
070	Alberni	205	33.20	*	29.69	70.21	100.11	70.58	17.61	5.09	1,466.40	
071	Courtenay	198	20.26		11.22	59.40	95.35	62.93	33.43	3.56	1,329.43	
072/084	Campbell River/V.I. West	191	23.22	*	28.99	61.58	98.22	61.98	21.99	2.32	1,375.35	
075	Mission	177	26.89	*	16.33	82.59	118.11	78.95	28.68	6.04	1,653.48	*
076	Agassiz–Harrison	51	45.13	*	30.42	103.29	127.91	86.12	32.49	12.23	1,962.30	*
077	Summerland	13	6.99	*	6.99	40.63	76.92	123.81	31.63	12.30	1,461.38	
078	Enderby	28	21.69		13.03	91.35	145.70	32.56	27.03	–	1,548.28	
080	Kitimat	70	25.86	*	8.59	70.97	112.99	71.76	19.64	5.03	1,444.94	
081	Fort Nelson	50	40.78	*	27.24	85.27	91.84	62.31	6.45	–	1,365.56	
083	Central Coast	15	45.45	*	25.32	166.67	42.11	52.63	19.61	–	1,531.64	
085	Vancouver Island North	150	51.78	*	32.59	118.45	101.66	51.64	28.26	1.56	1,670.83	*
087/094	Stikine/Telegraph Creek	13	36.11		58.82	96.15	119.40	34.48	30.61	–	1,697.38	
088	Terrace	147	33.41	*	27.62	87.82	114.70	62.50	21.72	5.07	1,597.10	*
092	Nisga'a	22	55.42	*	47.17	95.24	166.67	90.91	38.46	11.49	2,249.70	*
161	Vancouver City Centre	17	3.10	*	1.60	8.09	22.96	40.92	43.46	7.44	622.32	*
162	Vancouver Downtown E. Side	122	26.24	*	19.12	37.75	40.99	54.32	34.92	14.05	1,005.75	*
163	Vancouver North East	181	13.50	*	8.06	37.69	82.64	89.89	51.24	10.76	1,401.38	
164	Vancouver West Side	23	1.32	*	1.06	7.26	26.80	80.58	59.50	10.76	929.82	*
165	Vancouver Midtown	145	13.79	*	13.46	41.98	76.75	77.64	51.90	13.83	1,377.74	
166	Vancouver South	170	8.60	*	6.53	33.45	77.23	87.25	51.54	9.61	1,328.03	
039	**VANCOUVER TOTAL**	**659**	**9.24**	*	**6.44**	**22.70**	**48.41**	**70.47**	**50.00**	**10.79**	**1,044.07**	*
	PROVINCIAL TOTAL	**10,918**	**17.41**		**13.83**	**48.97**	**86.64**	**81.89**	**37.14**	**6.93**	**1,376.92**	

Note: [1]Age-Specific Fertility Rate (ASFR): Live births per 1,000 women in each specific age group of childbearing age. [2]Total Fertility Rate (TFR): Sum of age-specific (15 to 44 years) fertility rates multiplied by the number of years in each age group (see Glossary for definition). *Statistical testing indicates that fertility rate is significantly different from the average rate ($p<0.05$, two tailed). LHA 039 Vancouver Total may include unspecified Vancouver addresses. Non-residents and unknown LHA are excluded.

FIGURE 9

LIVE BIRTH TEENAGE FERTILITY RATES BY LOCAL HEALTH AREA

BRITISH COLUMBIA, 1995–1999


QUINTILE (RATIO)
5 (36.620–59.754)
4 (26.514–36.111)
3 (19.548–26.237)
2 (13.789–18.564)
1 (1.318–13.692)
▨ Statistically Significant
N
0
100
200
300 kms
see inset 1
see inset 2
Inset 1
0
50 kms
Inset 2
0
10 kms

Note: ASFR – Age-Specific Fertility Rate – Live births per 1,000 women age 15 to 19 years. Refer to Figure 1 to clarify geographical location of Local Health Areas.

HIGHLIGHTS TO TABLE 10/FIGURE 9

- The province's 2000 Total Fertility Rate (TFR) was 1,376.92 births per 1,000 women of child bearing age (15 to 44 years of age). As shown in Table 3, Trends of Total Fertility Rates, this was the lowest rate in the last 51 years. (See Glossary for a definition of total fertility rates.)

- There were 22 Local Health Areas (LHAs) with statistically significant TFRs that were higher than the Provincial TFR in 2000. The five highest were:

092	Nisga'a	2,249.70
060	Peace River North	2,157.11
005	Creston	2,059.22
054	Smithers	2,024.70
016	Keremeos	2,014.97

- There were 9 LHAs with statistically significant TFRs that were lower than the Provincial TFR in 2000. The five lowest were:

161	Vancouver City Centre	622.32
164	Vancouver West Side	929.82
162	Vancouver Downtown E. Side	1,005.75
009	Castlegar	1,050.06
061	Greater Victoria	1,069.20

- There were 13.83 live births per 1,000 young women in the 15–19 age group in 2000. This age-specific fertility rate for 2000 was lower than the 1995–1999 teenage fertility rate of 17.41.

- For the 1995–1999 period, there were 41 LHAs with statistically significant teenage fertility rates that were higher than the provincial teenage fertility rate. The five LHAs with the highest statistically significant rates (number of births in parentheses) were:

049	Bella Coola Valley	59.75	(34)
092	Nisga'a	55.42	(22)
053	Upper Skeena	54.47	(67)
085	Vancouver Island North	51.78	(150)
052	Prince Rupert	45.77	(159)

- There were 19 LHAs in the 1995–1999 period with statistically significant teenage fertility rates that were lower than the provincial teenage fertility rate. The five LHAs with the lowest statistically significant rates (number of births in parentheses) were:

164	Vancouver West Side	1.32	(23)
045	West Vancouver–Bowen Is.	1.79	(14)
161	Vancouver City Centre	3.10	(17)
044	North Vancouver	4.78	(90)
038	Richmond	5.08	(141)

TABLE 11

LIVE BIRTHS BY MODE OF DELIVERY AND AGE OF MOTHER

BRITISH COLUMBIA, 2000

Mode of Delivery	Age of Mother (in Years)									Total	Percent
	<15	15–19	20–24	25–29	30–34	35–39	40–44	45+	N.S.		
Spontaneous vertex	12	1,334	4,563	7,820	7,812	3,898	651	25	–	26,115	64.5
Spontaneous breech	–	12	27	76	75	49	6	–	–	245	0.6
Forceps	1	75	304	582	595	287	56	1	–	1,901	4.7
Vacuum	–	121	479	816	856	356	61	3	–	2,692	6.7
First cesarean	2	259	823	1,763	1,870	1,082	242	14	–	6,055	15.0
Repeat cesarean	–	17	257	801	1,220	852	194	3	–	3,344	8.3
N.S.	–	3	15	35	39	18	5	–	–	115	0.3
TOTAL	**15**	**1,821**	**6,468**	**11,893**	**12,467**	**6,542**	**1,215**	**46**	**–**	**40,467**	**100.0**
Percent	**0.0**	**4.5**	**16.0**	**29.4**	**30.8**	**16.2**	**3.0**	**0.1**	**–**	**100.0**	

Note: Breech presentations may be coded to forceps, vacuum, first cesarean or repeat cesarean mode of delivery, as well as spontaneous breech. Total percentage may not add up to 100 due to rounding. Non-residents are excluded. N.S. – Not Stated.

HIGHLIGHTS TO TABLE 11

- Approximately two thirds (65.1%) of live births in 2000 were delivered spontaneously: 64.5% (26,115) were spontaneous vertex (head first) and 0.6% (245) were spontaneous breech (buttocks or feet first). One in 21 births required the use of forceps (1,901 births) and vacuum was used for one in 15 (2,692 births).
- In 2000, nearly one fourth of all live births (23.3%) were delivered by cesarean section (9,399) and almost two thirds of these (6,055) were first cesareans. The 2000 cesarean section rate was 232.26 per 1,000 live births.
- Among teenage mothers (less than 20 years of age), one in seven live births (15.1% or 278 births) were delivered by cesarean section. Of these, 6.1% (17) were repeat cesarean sections.
- One fifth (21.8%) of live births to mothers aged 20 to 34 years were delivered by cesarean section (6,734). Of these deliveries, 33.8% were repeat C-sections (2,278).
- For mothers aged 35 or older, more than one in three live births (30.6%) was delivered by cesarean section (2,387). Of these deliveries, 43.9% (1,049) were repeat C-sections.

TABLE 11

LIVE BIRTHS BY MODE OF DELIVERY AND AGE OF MOTHER

BRITISH COLUMBIA, 2000

Mode of Delivery	Age of Mother (in Years) <15	15–19	20–24	25–29	30–34	35–39	40–44	45+	N.S.	Total	Percent
Spontaneous vertex	12	1,334	4,563	7,820	7,812	3,898	651	25	–	26,115	64.5
Spontaneous breech	–	12	27	76	75	49	6	–	–	245	0.6
Forceps	1	75	304	582	595	287	56	1	–	1,901	4.7
Vacuum	–	121	479	816	856	356	61	3	–	2,692	6.7
First cesarean	2	259	823	1,763	1,870	1,082	242	14	–	6,055	15.0
Repeat cesarean	–	17	257	801	1,220	852	194	3	–	3,344	8.3
N.S.	–	3	15	35	39	18	5	–	–	115	0.3
TOTAL	**15**	**1,821**	**6,468**	**11,893**	**12,467**	**6,542**	**1,215**	**46**	**–**	**40,467**	**100.0**
Percent	**0.0**	**4.5**	**16.0**	**29.4**	**30.8**	**16.2**	**3.0**	**0.1**	**–**	**100.0**	

Note: Breech presentations may be coded to forceps, vacuum, first cesarean or repeat cesarean mode of delivery, as well as spontaneous breech. Total percentage may not add up to 100 due to rounding. Non-residents are excluded. N.S. – Not Stated.

HIGHLIGHTS TO TABLE 11

- Approximately two thirds (65.1%) of live births in 2000 were delivered spontaneously: 64.5% (26,115) were spontaneous vertex (head first) and 0.6% (245) were spontaneous breech (buttocks or feet first). One in 21 births required the use of forceps (1,901 births) and vacuum was used for one in 15 (2,692 births).
- In 2000, nearly one fourth of all live births (23.3%) were delivered by cesarean section (9,399) and almost two thirds of these (6,055) were first cesareans. The 2000 cesarean section rate was 232.26 per 1,000 live births.
- Among teenage mothers (less than 20 years of age), one in seven live births (15.1% or 278 births) were delivered by cesarean section. Of these, 6.1% (17) were repeat cesarean sections.
- One fifth (21.8%) of live births to mothers aged 20 to 34 years were delivered by cesarean section (6,734). Of these deliveries, 33.8% were repeat C-sections (2,278).
- For mothers aged 35 or older, more than one in three live births (30.6%) was delivered by cesarean section (2,387). Of these deliveries, 43.9% (1,049) were repeat C-sections.

LIVE BIRTHS BY LOCAL HEALTH AREA AND MODE OF DELIVERY

Local Health Area		Spontaneous Vertex	Cesarean						Other	N.S.	Total Live Births	
			First	Repeat	Total	Ratio	(p)	Percent			Number	Rate
001	Fernie	94	11	9	20	0.67		15.5	15	–	129	7.75
002	Cranbrock	160	30	13	43	0.86		20.0	11	1	215	8.15
003	Kimberley	47	7	3	10	0.71		16.4	4	–	61	6.82
004	Windermere	49	8	5	13	0.75		17.3	12	1	75	7.83
005	Creston	99	13	11	24	0.77		17.8	12	–	135	10.26
006/007	Kootenay Lake/Nelson	192	25	15	40	0.68	*	15.7	17	5	254	8.67
009	Castlegar	61	10	8	18	0.84		19.6	13	–	92	6.62
010	Arrow Lakes	27	6	3	9	0.97		22.5	2	2	40	7.41
011	Trail	109	24	22	46	1.17		27.2	14	–	169	8.07
012/013	Grand Forks/Kettle Valley	61	1	6	7	0.37	*	8.5	12	2	82	6.20
014	Southern Okanagan	106	12	13	25	0.72		16.7	18	1	150	7.97
015	Penticton	243	39	15	54	0.72	*	16.7	24	2	323	7.96
016	Keremeos	37	2	2	4	0.42		9.8	–	–	41	8.65
017	Princeton	25	2	2	4	0.54		12.5	3	–	32	6.17
018	Golden	35	9	9	18	1.34		31.0	4	1	58	7.41
019	Revelstoke	58	12	5	17	0.93		21.5	4	–	79	9.02
020	Salmon Arm	138	32	24	56	1.13		26.3	17	2	213	6.36
021	Armstrong–Spallumcheen	56	9	6	15	0.86		20.0	4	–	75	7.52
022	Vernon	340	60	39	99	0.90		20.9	33	1	473	7.98
023	Central Okanagan	875	207	143	350	1.11	*	25.9	123	4	1,352	8.88
024	Kamloops	594	161	79	240	1.14		26.4	68	6	908	8.47
025	100 Mile House	81	19	7	26	0.88		20.5	19	1	127	7.68
026	North Thompson	31	5	3	8	0.77		17.8	6	–	45	8.41
027	Cariboo–Chilcotin	200	65	34	99	1.33	*	30.9	21	–	320	10.85
028	Quesnel	160	29	23	52	0.97		22.4	20	–	232	8.39
029	Lillooet	28	11	8	19	1.57		36.5	5	–	52	10.43
030	South Cariboo	39	4	5	9	0.72		16.7	6	–	54	6.83
031	Merritt	67	20	16	36	1.42		33.0	6	–	109	8.90
032	Hope	56	16	4	20	0.96		22.2	14	–	90	10.73
033	Chilliwack	506	85	63	148	0.84	*	19.5	100	4	758	10.45
034	Abbotsford	1,005	182	159	341	0.95		22.0	194	7	1,547	13.32
035	Langley	809	165	101	266	0.94		21.9	137	–	1,212	10.51
036	Surrey	2,863	687	436	1,123	1.03		23.9	714	8	4,708	13.13
037	Delta	602	142	91	233	1.03		24.0	133	2	970	9.51
038	Richmond	907	274	130	404	1.10		25.6	265	3	1,579	9.51
040	New Westminster	429	116	34	150	0.98		22.9	77	–	656	11.87
041	Burnaby	1,304	322	126	448	0.95		22.0	280	6	2,038	10.59
042	Maple Ridge	524	126	87	213	1.07		24.8	120	2	859	10.96
043	Coquitlam	1,392	345	158	503	1.01		23.4	256	3	2,154	11.24
044	North Vancouver	827	231	99	330	1.07		4.8	170	4	1,331	10.16
045	West Vancouver–Bowen Is.	203	49	22	71	1.00		23.1	33	–	307	6.20
046	Sunshine Coast	159	28	15	43	0.83		19.3	21	–	223	8.01
047	Powell River	107	37	10	47	1.18		27.5	15	2	171	8.28
048	Howe Sound	260	64	24	88	0.94		21.9	53	–	401	12.55
049	Bella Coola Valley	30	6	5	11	1.08		25.0	3	–	44	12.48
050	Queen Charlotte	47	7	7	14	0.83		19.2	12	–	73	12.57
051	Snow Country	6	3	1	4	1.72		40.0	–	–	10	13.39
052	Prince Rupert	140	26	20	46	0.93		21.7	26	–	212	11.25
053	Upper Skeena	55	5	5	10	0.62		14.3	4	1	70	11.42
054	Smithers	169	44	19	63	1.01		23.5	36	–	268	14.15
055/093	Burns Lake/Eutsuk	70	8	14	22	0.95		22.0	7	1	100	12.51
056	Nechako	156	30	18	48	0.94		21.9	12	3	219	11.74
057	Prince George	758	150	92	242	0.95		22.0	93	6	1,099	10.23
059	Peace River South	200	28	27	55	0.81		18.8	38	–	293	10.33
060	Peace River North	373	72	41	113	0.94		21.7	32	2	520	16.67
061	Greater Victoria	1,134	260	128	388	1.00		23.2	143	6	1,671	8.15
062	Sooke	389	76	60	136	1.04		24.2	38	–	563	10.27
063	Saanich	259	43	29	72	0.85		19.7	32	3	366	6.07
064	Gulf Islands	72	14	5	19	0.88		20.4	2	–	93	6.31
065	Cowichan	355	73	48	121	1.00		23.3	43	1	520	9.63
066	Lake Cowichan	38	6	11	17	1.20		27.9	6	–	61	9.26
067	Ladysmith	88	22	9	31	1.01		23.5	13	–	132	8.10
068	Nanaimo	485	111	66	177	1.04		24.2	67	3	732	7.74
069	Qualicum	141	41	23	64	1.24		28.7	18	–	223	5.49
070	Alberni	218	25	22	47	0.67	*	15.7	35	–	300	9.05
071	Courtenay	333	65	29	94	0.87		20.1	39	1	467	7.71
072/084	Campbell River/V.I. West	255	60	44	104	1.12		26.1	40	–	399	8.93
075	Mission	261	52	40	92	1.02		23.8	33	1	387	10.23
076	Agassiz–Harrison	53	10	9	19	0.97		22.6	11	1	84	10.21
077	Summerland	49	12	9	21	1.21		28.0	5	–	75	6.52
078	Enderby	33	14	8	22	1.55		36.1	5	1	61	7.80
080	Kitimat	70	23	23	46	1.60	*	37.1	8	–	124	9.51
081	Fort Nelson	48	14	10	24	1.31		30.4	7	–	79	11.78
083	Central Coast	15	1	4	5	0.98		22.7	2	–	22	10.73
085	Vancouver Island North	129	23	13	36	0.88		20.3	12	–	177	11.40
087/094	Stikine/Telegraph Creek	19	3	0	3	0.54		12.5	2	–	24	12.00
088	Terrace	195	46	18	64	0.96		22.2	27	2	288	11.95
092	Nisga'a	24	7	5	12	1.36		31.6	2	–	38	16.03
161	Vancouver City Centre	391	172	37	209	1.21	*	28.0	145	1	746	7.60
162	Vancouver Downtown E. Side	301	71	33	104	0.92		21.4	79	1	485	9.09
163	Vancouver North East	732	169	67	236	0.89		20.7	168	2	1,138	11.87
164	Vancouver West Side	606	188	62	250	1.06		24.6	157	3	1,016	8.23
165	Vancouver Midtown	675	180	90	270	1.04		24.1	169	5	1,119	12.97
166	Vancouver South	776	192	106	298	1.01		23.5	192	1	1,267	10.67
039	**VANCOUVER TOTAL**	**3,482**	**972**	**395**	**1,367**	**1.02**		**23.7**	**910**	**13**	**5,772**	**10.03**
	N.S.	1	1	–	1	2.15		50.0	–	–	2	–
	PROVINCIAL TOTAL	**26,115**	**6,055**	**3,344**	**9,399**			**23.2**	**4,838**	**115**	**40,467**	**9.95**

Note: Ratio – observed over the expected cesareans in the specified area. Percent based upon live births in the specified area. Rate per 1,000 population in the specified area. *Statistical testing indicates that observed cesarean births are significantly different from the expected (p<0.05, two tailed). Other is comprised of spontaneous breech, forceps, and vacuum. LHA 039 Vancouver Total may include unspecified Vancouver addresses. N.S. – Not Stated. Non-residents are excluded.

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LIVE BIRTHS BY LOCAL HEALTH AREA AND MODE OF DELIVERY

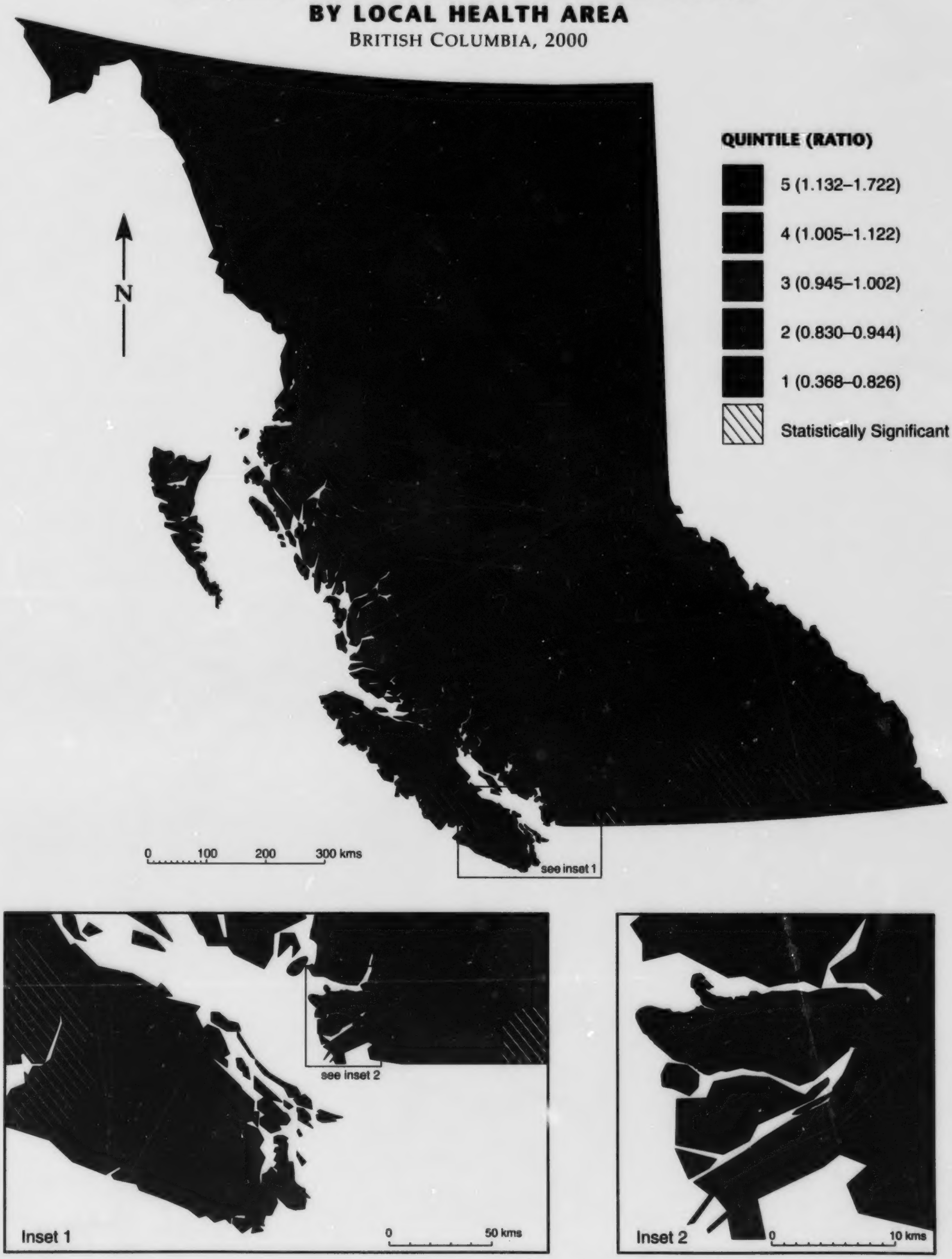
	Local Health Area	Spontaneous Vertex	Cesarean						Other	N.S.	Total Live Births	
			First	Repeat	Total	Ratio	(p)	Percent			Number	Rate
001	Fernie	94	11	9	20	0.67		15.5	15	–	129	7.75
002	Cranbrook	160	30	13	43	0.86		20.0	11	1	215	8.15
003	Kimberley	47	7	3	10	0.71		16.4	4	–	61	6.82
004	Windermere	49	8	5	13	0.75		17.3	12	1	75	7.83
005	Creston	99	13	11	24	0.77		17.8	12	–	135	10.26
006/007	Kootenay Lake/Nelson	192	25	15	40	0.68	*	15.7	17	5	254	8.67
009	Castlegar	61	10	8	18	0.84		19.6	13	–	92	6.62
010	Arrow Lakes	27	6	3	9	0.97		22.5	2	2	40	7.41
011	Trail	109	24	22	46	1.17		27.2	14	–	169	8.07
012/013	Grand Forks/Kettle Valley	61	1	6	7	0.37	*	8.5	12	2	82	6.20
014	Southern Okanagan	106	12	13	25	0.72		16.7	18	1	150	7.97
015	Penticton	243	39	15	54	0.72	*	16.7	24	2	323	7.96
016	Keremeos	37	2	2	4	0.42		9.8	–	–	41	8.65
017	Princeton	25	2	2	4	0.54		12.5	3	–	32	6.17
018	Golden	35	9	9	18	1.34		31.0	4	1	58	7.41
019	Revelstoke	58	12	5	17	0.93		21.5	4	–	79	9.02
020	Salmon Arm	138	32	24	56	1.13		26.3	17	2	213	6.36
021	Armstrong–Spallumcheen	56	9	6	15	0.86		20.0	4	–	75	7.52
022	Vernon	340	60	39	99	0.90		20.9	33	1	473	7.98
023	Central Okanagan	875	207	143	350	1.11	*	25.9	123	4	1,352	8.88
024	Kamloops	594	161	79	240	1.14		26.4	68	6	908	8.47
025	100 Mile House	81	19	7	26	0.88		20.5	19	1	127	7.68
026	North Thompson	31	5	3	8	0.77		17.8	6	–	45	8.41
027	Cariboo–Chilcotin	200	65	34	99	1.33	*	30.9	21	–	320	10.85
028	Quesnel	160	29	23	52	0.97		22.4	20	–	232	8.39
029	Lillooet	28	11	8	19	1.57		36.5	5	–	52	10.43
030	South Cariboo	39	4	5	9	0.72		16.7	6	–	54	6.83
031	Merritt	67	20	16	36	1.42		33.0	6	–	109	8.90
032	Hope	56	16	4	20	0.96		22.2	14	–	90	10.73
033	Chilliwack	506	85	63	148	0.84	*	19.5	100	4	758	10.45
034	Abbotsford	1,005	182	159	341	0.95		22.0	194	7	1,547	13.32
035	Langley	809	165	101	266	0.94		21.9	137	–	1,212	10.51
036	Surrey	2,863	687	436	1,123	1.03		23.9	714	8	4,708	13.13
037	Delta	602	142	91	233	1.03		24.0	133	2	970	9.51
038	Richmond	907	274	130	404	1.10		25.6	265	3	1,579	9.51
040	New Westminster	429	116	34	150	0.98		22.9	77	–	656	11.87
041	Burnaby	1,304	322	126	448	0.95		22.0	280	6	2,038	10.59
042	Maple Ridge	524	126	87	213	1.07		24.8	120	2	859	10.96
043	Coquitlam	1,392	345	158	503	1.01		23.4	256	3	2,154	11.24
044	North Vancouver	827	231	99	330	1.07		4.8	170	4	1,331	10.16
045	West Vancouver–Bowen Is.	203	49	22	71	1.00		23.1	33	–	307	6.20
046	Sunshine Coast	159	28	15	43	0.83		19.3	21	–	223	8.01
047	Powell River	107	37	10	47	1.18		27.5	15	2	171	8.28
048	Howe Sound	260	64	24	88	0.94		21.9	53	–	401	12.55
049	Bella Coola Valley	30	6	5	11	1.08		25.0	3	–	44	12.48
050	Queen Charlotte	47	7	7	14	0.83		19.2	12	–	73	12.57
051	Snow Country	6	3	1	4	1.72		40.0	–	–	10	13.39
052	Prince Rupert	140	26	20	46	0.93		21.7	26	–	212	11.25
053	Upper Skeena	55	5	5	10	0.62		14.3	4	1	70	11.42
054	Smithers	169	44	19	63	1.01		23.5	36	–	268	14.15
055/093	Burns Lake/Eutsuk	70	8	14	22	0.95		22.0	7	1	100	12.51
056	Nechako	156	30	18	48	0.94		21.9	12	3	219	11.74
057	Prince George	758	150	92	242	0.95		22.0	93	6	1,099	10.23
059	Peace River South	200	28	27	55	0.81		18.8	38	–	293	10.33
060	Peace River North	373	72	41	113	0.94		21.7	32	2	520	16.67
061	Greater Victoria	1,134	260	128	388	1.00		23.2	143	6	1,671	8.15
062	Sooke	389	76	60	136	1.04		24.2	38	–	563	10.27
063	Saanich	259	43	29	72	0.85		19.7	32	3	366	6.07
064	Gulf Islands	72	14	5	19	0.88		20.4	2	–	93	6.31
065	Cowichan	355	73	48	121	1.00		23.3	43	1	520	9.63
066	Lake Cowichan	38	6	11	17	1.20		27.9	6	–	61	9.26
067	Ladysmith	88	22	9	31	1.01		23.5	13	–	132	8.10
068	Nanaimo	485	111	66	177	1.04		24.2	67	3	732	7.74
069	Qualicum	141	41	23	64	1.24		28.7	18	–	223	5.49
070	Alberni	218	25	22	47	0.67	*	15.7	35	–	300	9.05
071	Courtenay	333	65	29	94	0.87		20.1	39	1	467	7.71
072/084	Campbell River/V.I. West	255	60	44	104	1.12		26.1	40	–	399	8.93
075	Mission	261	52	40	92	1.02		23.8	33	1	387	10.23
076	Agassiz–Harrison	53	10	9	19	0.97		22.6	11	1	84	10.21
077	Summerland	49	12	9	21	1.21		28.0	5	–	75	6.52
078	Enderby	33	14	8	22	1.55		36.1	5	1	61	7.80
080	Kitimat	70	23	23	46	1.60	*	37.1	8	–	124	9.51
081	Fort Nelson	48	14	10	24	1.31		30.4	7	–	79	11.78
083	Central Coast	15	1	4	5	0.98		22.7	2	–	22	10.73
085	Vancouver Island North	129	23	13	36	0.88		20.3	12	–	177	11.40
087/094	Stikine/Telegraph Creek	19	3	0	3	0.54		12.5	2	–	24	12.00
088	Terrace	195	46	18	64	0.96		22.2	27	2	288	11.95
092	Nisga'a	24	7	5	12	1.36		31.6	2	–	38	16.03
161	Vancouver City Centre	391	172	37	209	1.21	*	28.0	145	1	746	7.60
162	Vancouver Downtown E. Side	301	71	33	104	0.92		21.4	79	1	485	9.09
163	Vancouver North East	732	169	67	236	0.89		20.7	168	2	1,138	11.87
164	Vancouver West Side	606	188	62	250	1.06		24.6	157	3	1,016	8.23
165	Vancouver Midtown	675	180	90	270	1.04		24.1	169	5	1,119	12.97
166	Vancouver South	776	192	106	298	1.01		23.5	192	1	1,267	10.67
039	**VANCOUVER TOTAL**	**3,482**	**972**	**395**	**1,367**	**1.02**		**23.7**	**910**	**13**	**5,772**	**10.03**
	N.S.	1	1	–	1	**2.15**		50.0	–	–	2	–
	PROVINCIAL TOTAL	**26,115**	**6,055**	**3,344**	**9,399**			**23.2**	**4,838**	**115**	**40,467**	**9.95**

Note: Ratio – observed over the expected cesareans in the specified area. Percent based upon live births in the specified area. Rate per 1,000 population in the specified area. *Statistical testing indicates that observed cesarean births are significantly different from the expected (p<0.05, two tailed). Other is comprised of spontaneous breech, forceps, and vacuum. LHA 039 Vancouver Total may include unspecified Vancouver addresses. N.S. – Not Stated. Non-residents are excluded.

FIGURE 10

CESAREAN DELIVERIES OF LIVE BORN INFANTS BY LOCAL HEALTH AREA

BRITISH COLUMBIA, 2000


N
QUINTILE (RATIO)
5 (1.132–1.722)
4 (1.005–1.122)
3 (0.945–1.002)
2 (0.830–0.944)
1 (0.368–0.826)
Statistically Significant
0 100 200 300 kms
see inset 1
see inset 2
Inset 1
0 50 kms
Inset 2
0 10 kms

Note: Ratio – Observed over the expected. Refer to Figure 1 to clarify geographical location of Local Health Areas.

HIGHLIGHTS TO TABLE 12/FIGURE 10

- There were 9,399 cesarean deliveries of live born babies in 2000, and 26,115 spontaneous vertex deliveries. The 2000 cesarean section rate was 232.26 per 1,000 live births.

- The cesarean ratio is the number of C-section births in the area, compared to the number that would be expected based on the provincial rate and the number of live births in the area. The four Local Health Areas (LHAs) with cesarean ratios that were statistically significant and high in 2000 (with the number of cesarean deliveries in parentheses) were:

080	Kitimat	1.60	(46)
027	Cariboo–Chilcotin	1.33	(99)
161	Vancouver City Centre	1.21	(209)
023	Central Okanagan	1.11	(350)

- The five LHAs with cesarean ratios that were statistically significant and low in 2000 (with the number of cesarean deliveries in parentheses) were:

012/013	Grand Forks/Kettle Valley	0.37	(7)
070	Alberni	0.67	(47)
006/007	Kootenay Lake/Nelson	0.68	(40)
015	Penticton	0.72	(54)
033	Chilliwack	0.84	(148)

- The 2000 provincial live birth rate was 9.95 live births per 1,000 population. The five LHAs with the highest live birth rates in 2000 (actual numbers in parentheses) were:

060	Peace River North	16.67	(520)
092	Nisga'a	16.03	(38)
054	Smithers	14.15	(268)
051	Snow Country	13.39	(10)
034	Abbotsford	13.32	(1,547)

- The five LHAs with the lowest live birth rates in 2000 (actual numbers in parentheses) were:

069	Qualicum	5.49	(223)
063	Saanich	6.07	(366)
017	Princeton	6.17	(32)
045	West Vancouver–Bowen Is.	6.20	(307)
012/013	Grand Forks/Kettle Valley	6.20	(82)

VITAL STATISTICS INFORMATION BOX

BIRTHS TO NON-RESIDENT MOTHERS

BRITISH COLUMBIA, 2000

Usual Residence of Mother	Number of Births
Canada	
Alberta	61
Ontario	21
Northwest Territories	10
Yukon	9
Saskatchewan	7
Other provinces	10
Total Canada	**118**
United States	
Idaho	8
California	5
Washington	4
Other states	7
Total United States	**24**
Asia	
Hong Kong	11
Taiwan	6
China	3
Other Asian Countries	6
Total Asia	**26**
Other Countries	22
TOTAL	**190**

Note: Births includes live births plus stillbirths.

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Other Asian Countries	6
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Other Countries	22
TOTAL	**190**

Note: Births includes live births plus stillbirths.

TABLE 13

LIVE BIRTHS BY BIRTH WEIGHT, GENDER, AND GESTATIONAL AGE

BRITISH COLUMBIA, 2000

Birth Weight (in Grams)	Gender		Gestational Age (in Weeks)						Total
	Male	Female	<20	20–27	28–36	37–41	42+	N.S.	
<500	15	13	2	26	–	–	–	–	28
500–749	27	25	–	48	4	–	–	–	52
750–999	32	38	–	55	15	–	–	–	70
1,000–1,249	36	32	–	21	47	–	–	–	68
1,250–1,499	43	50	–	4	87	2	–	–	93
1,500–1,749	79	95	–	2	165	7	–	–	174
1,750–1,999	129	133	–	2	245	15	–	–	262
2,000–2,249	217	223	–	–	334	106	–	–	440
2,250–2,499	412	478	–	–	471	419	–	–	890
2,500–2,749	792	949	–	–	483	1,257	1	–	1,741
2,750–2,999	1,582	2,016	–	–	399	3,189	10	–	3,598
3,000–3,249	2,830	3,454	–	–	224	6,019	41	–	6,284
3,250–3,499	3,756	4,087	–	–	131	7,652	60	–	7,843
3,500–3,749	3,980	3,515	–	–	55	7,347	93	–	7,495
3,750–3,999	3,122	2,416	–	–	21	5,391	126	–	5,538
4,000–4,249	1,990	1,303	–	–	11	3,227	55	–	3,293
4,250–4,499	1,023	547	–	–	6	1,512	52	–	1,570
4,500–4,749	460	197	–	–	1	621	35	–	657
4,750–4,999	152	88	–	–	–	229	11	–	240
5,000–5,249	57	21	–	–	–	74	4	–	78
5,250–5,499	19	11	–	–	–	29	1	–	30
5,500+	9	2	–	–	–	10	1	–	11
N.S.	9	3	–	–	–	–	–	12	12
TOTAL	**20,771**	**19,696**	**2**	**158**	**2,699**	**37,106**	**490**	**12**	**40,467**

Note: Non-residents are excluded.
N.S. – Not Stated.

HIGHLIGHTS TO TABLE 13

- There were 20,771 males (51.3%) and 19,696 females (48.7%) born in 2000. The average weight for a live born baby was 3,436 grams; 3,496 grams for males and 3,373 grams for females.
- In 2000, almost nine out of ten live births (35,594) were delivered at term (from 37 to 41 weeks gestation) with normal birth weight (2,500 to 4,499 grams). These babies with "healthy" gestational ages and birth weights accounted for 88.0% of live births in 2000.
- There were 2,077 live births with low birth weight (less than 2,500 grams) and 2,859 pre-term (less than 37 weeks gestation) live births in 2000. A total of 1,528 babies (3.8%) were both pre-term and low birth weight; out of this group, only one in ten (156 births) was extremely premature (less than 28 weeks gestation) and had very low birth weight (less than 1,500 grams).
- Post-term (42 or more weeks of gestation) deliveries occurred in 490 births in 2000. There were 1,016 births with high birth weight (4,500 grams or more), 52 of which were also post-term.
- Out of approximately 1,000 live births in 2000:

by birth weight

- 51 were low birth weight (2,077 births), of which:
    - ~ 1 had birth weight less than 500 grams (28)
    - ~ 7 had birth weight from 500 to 1,499 grams (283)
- 923 were normal birth weight (37,362)
- 25 were high birth weight (1,016)

by gestational age

- 71 were pre-term (2,859 births), of which:
    - ~ 4 were extremely premature (less than 28 weeks) (160)
    - ~ 67 were moderately premature (28–36 weeks) (2,699)
- 917 were term (37,106)
- 12 were post-term (490)

TABLE 14
LIVE BIRTHS BY BIRTH WEIGHT AND AGE OF MOTHER
BRITISH COLUMBIA, 2000

Birth Weight (in Grams)	Age of Mother (in Years)									Total
	<15	15–19	20–24	25–29	30–34	35–39	40–44	45+	N.S.	
<500	–	1	8	6	5	7	1	–	–	28
500–749	1	2	11	8	18	10	1	1	–	52
750–999	–	2	12	19	16	19	2	–	–	70
1,000–1,249	–	7	15	17	15	11	3	–	–	68
1,250–1,499	–	3	11	24	32	14	9	–	–	93
1,500–1,749	–	11	15	50	49	42	6	1	–	174
1,750–1,999	–	6	55	69	74	43	13	2	–	262
2,000–2,249	1	22	78	107	144	72	16	–	–	440
2,250–2,499	1	47	144	240	265	156	36	1	–	890
2,500–2,749	–	82	300	479	515	305	59	1	–	1,741
2,750–2,999	1	170	596	1,013	1,101	587	127	3	–	3,598
3,000–3,249	3	321	990	1,839	1,897	1,041	181	12	–	6,284
3,250–3,499	3	337	1,266	2,346	2,410	1,248	223	10	–	7,843
3,500–3,749	2	338	1,243	2,217	2,323	1,166	201	5	–	7,495
3,750–3,999	1	236	840	1,676	1,723	901	155	6	–	5,538
4,000–4,249	1	130	506	995	1,064	505	92	–	–	3,293
4,250–4,499	1	75	226	467	499	248	52	2	–	1,570
4,500–4,749	–	17	95	210	203	108	23	1	–	657
4,750–4,999	–	10	30	78	75	42	5	–	–	240
5,000–5,249	–	4	14	20	20	11	8	1	–	78
5,250–5,499	–	–	6	8	12	3	1	–	–	30
5,500+	–	–	3	1	6	1	–	–	–	11
N.S.	–	–	4	4	1	2	1	–	–	12
TOTAL	**15**	**1,821**	**6,468**	**11,893**	**12,467**	**6,542**	**1,215**	**46**	**–**	**40,467**

Note: Non-residents are excluded.
N.S. – Not Stated.

HIGHLIGHTS TO TABLE 14

- There were 37,362 live births with healthy birth weights (2,500 to 4,499 grams) in 2000. Out of approximately every 100 of these births:
  - 5 were births to teenage mothers (1,701)
  - 46 were births to mothers aged 20 to 29 years (16,999)
  - 47 were births to mothers aged 30 to 39 years (17,533)
  - 3 were births to mothers 40 years of age or older (1,129)
- There were 2,077 live births with low birth weight (less than 2,500 grams) in 2000. Out of every 100 of these births, approximately:
  - 5 were births to teenage mothers (104)
  - 43 were births to mothers aged 20 to 29 years (889)
  - 48 were births to mothers aged 30 to 39 years (992)
  - 4 were births to mothers 40 years of age or older (92)
- There were 1,016 live births with high birth weight (4,500 grams or over) in 2000. Out of every 100 of these births, approximately:
  - 3 were births to teenage mothers (31)
  - 46 were births to mothers aged 20 to 29 years (465)
  - 47 were births to mothers aged 30 to 39 years (481)
  - 4 were births to mothers 40 years of age or older (39)
- Nine out of ten (92.4%) births to mothers in the four maternal age groups from 20–24 to 35–39 had "healthy" birth weights. One in 20 (5.0%) of births in these age groups had low birth weight and one in 40 (2.5%) had high birth weights.
- Of live births to teenage mothers (less than 20 years of age), 92.6% had healthy birth weights, 5.7% had low and 1.7% had high birth weights. For mothers in the 40 or older age group, 89.5% of live births had healthy birth weights, 7.3% had low and 3.1% had high birth weights.

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750–999	32	38	–	55	15	–	–	–	70
1,000–1,249	36	32	–	21	47	–	–	–	68
1,250–1,499	43	50	–	4	87	2	–	–	93
1,500–1,749	79	95	–	2	165	7	–	–	174
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4,500–4,749	460	197	–	–	1	621	35	–	657
4,750–4,999	152	88	–	–	–	229	11	–	240
5,000–5,249	57	21	–	–	–	74	4	–	78
5,250–5,499	19	11	–	–	–	29	1	–	30
5,500+	9	2	–	–	–	10	1	–	11
N.S.	9	3	–	–	–	–	–	12	12
TOTAL	**20,771**	**19,696**	**2**	**158**	**2,699**	**37,106**	**490**	**12**	**40,467**

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5,250–5,499	–	–	6	8	12	3	1	–	–	30
5,500+	–	–	3	1	6	1	–	–	–	11
N.S.	–	–	4	4	1	2	1	–	–	12
TOTAL	**15**	**1,821**	**6,468**	**11,893**	**12,467**	**6,542**	**1,215**	**46**	**–**	**40,467**

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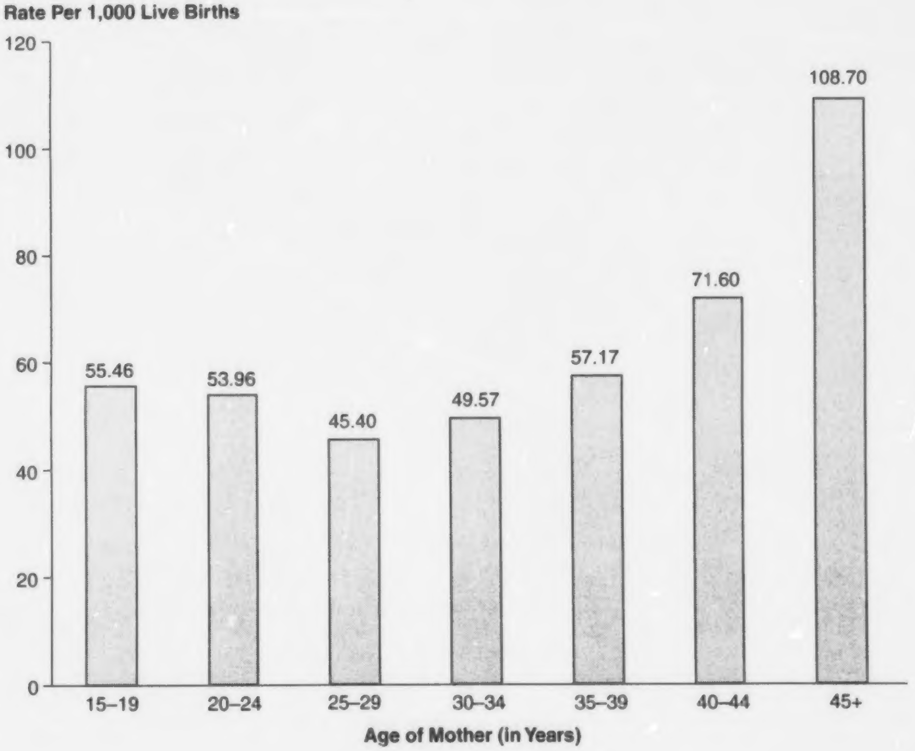
TABLE 15
LOW BIRTH WEIGHT LIVE BIRTHS BY AGE OF MOTHER AND GENDER
BRITISH COLUMBIA, 2000

Age of Mother	Male		Female		Total		
	Number	Percent	Number	Percent	Number	Percent	Rate
<15	2	0.2	1	0.1	3	0.1	+
15–19	45	4.5	56	5.2	101	4.9	55.46
20–24	160	16.2	189	17.4	349	16.8	53.96
25–29	243	24.5	297	27.3	540	26.0	45.40
30–34	312	31.5	306	28.2	618	29.8	49.57
35–39	177	17.9	197	18.1	374	18.0	57.17
40–44	47	4.7	40	3.7	87	4.2	71.60
45+	4	0.4	1	0.1	5	0.2	108.70
N.S.	–	–	–	–	–	–	–
TOTAL	**990**	**100.0**	**1,087**	**100.0**	**2,077**	**100.0**	**51.33**

Note: Rate per 1,000 live births for the specified age group.
Low birth weight: birth weight less than 2,500 grams.
+ Denotes the number of cases is less than five.
Total percentage may not add up to 100 due to rounding.
Non-residents are excluded. N.S. – Not Stated.

FIGURE 11
LOW BIRTH WEIGHT LIVE BIRTHS BY AGE OF MOTHER
BRITISH COLUMBIA, 2000



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25–29	243	24.5	297	27.3	540	26.0	45.40
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40–44	47	4.7	40	3.7	87	4.2	71.60
45+	4	0.4	1	0.1	5	0.2	108.70
N.S.	–	–	–	–	–	–	–
TOTAL	**990**	**100.0**	**1,087**	**100.0**	**2,077**	**100.0**	**51.33**

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Total percentage may not add up to 100 due to rounding.
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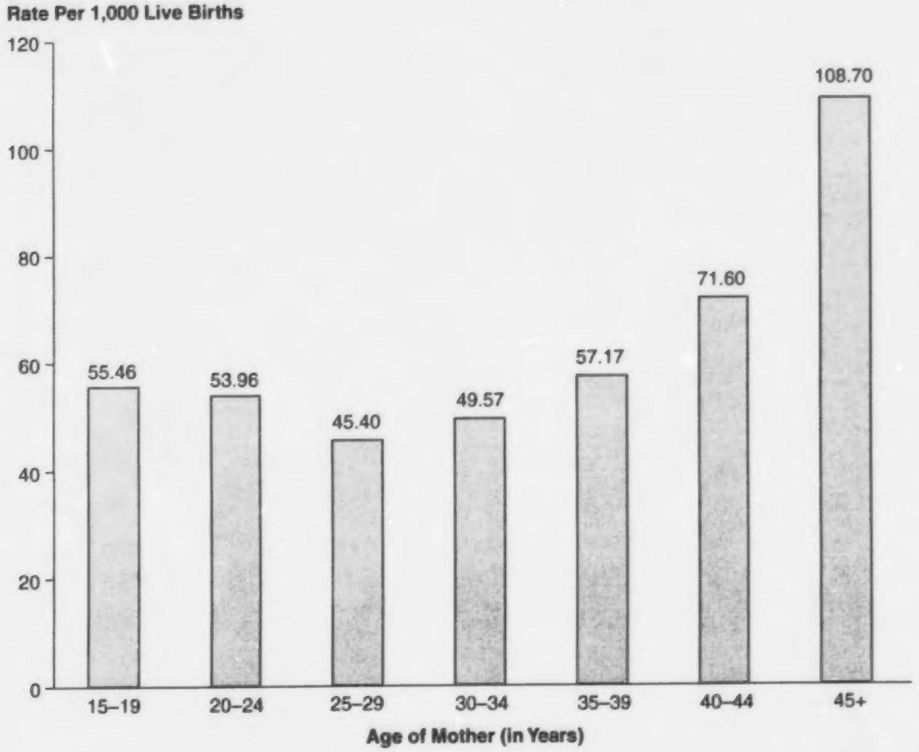
FIGURE 11
LOW BIRTH WEIGHT LIVE BIRTHS BY AGE OF MOTHER
BRITISH COLUMBIA, 2000



HIGHLIGHTS TO TABLE 15/FIGURE 11

- In 2000, there were 2,077 live births with low birth weight (less than 2,500 grams). The provincial low birth weight (LBW) live birth rate was 51.33 per 1,000 live births.
- Among live births in 2000, 4.8% of the 20,771 male births had low birth weight (990) and 5.5% of the 19,696 female births had low birth weight (1,087).
- Of the low birth weight live births, 52.3% were females.
- Mothers aged 25–29 had the lowest LBW rates (45.40 per 1,000 live births) in 2000, followed by the 30–34 and 20–24 maternal age groups (49.57 and 53.96 low birth weight births per 1,000 births respectively). The LBW rates by maternal age groups (shown in Figure 11) does not include the less than 15 age group since there were less than five births in this group. The LBW rates by maternal age groups (shown in Figure 11) showed a steady increase from age group 25–29 to age group 45+.

LOW BIRTH WEIGHT LIVE BIRTHS BY GESTATIONAL AGE

		1995–1999				2000					
		Low Birth Weight Live Births				Gestational Age (in Weeks)					
Local Health Area		Observed	Ratio	(p)	Rate	<37	37–41	42+	N.S.	Total	Rate
001	Fernie	28	0.75		37.94	3	–	–	–	3	23.26
002	Cranbrook	50	0.75	*	37.88	7	2	–	–	9	41.86
003	Kimberley	10	0.58		29.33	–	2	–	–	2	32.79
004	Windermere	16	0.77		39.22	–	2	–	–	2	26.67
005	Creston	24	0.74		37.50	3	1	–	–	4	29.63
006/007	Kootenay Lake/Nelson	59	0.88		44.56	6	4	–	–	10	39.37
009	Castlegar	41	1.27		64.57	1	1	–	–	2	21.74
010	Arrow Lakes	13	0.94		47.79	5	–	–	–	5	125.00
011	Trail	41	0.90		45.50	13	2	–	–	15	88.76
012/013	Grand Forks/Kettle Valley	25	0.99		50.10	3	1	–	–	4	48.78
014	Southern Okanagan	60	1.49	*	75.76	8	1	–	–	9	60.00
015	Penticton	105	1.14		58.01	19	6	–	–	25	77.40
016	Keremeos	9	0.72		36.59	–	1	–	–	1	24.39
017	Princeton	11	1.08		54.73	3	1	–	–	4	125.00
018	Golden	12	0.59		29.78	1	–	–	–	1	17.24
019	Revelstoke	24	1.00		50.85	5	1	–	–	6	75.95
020	Salmon Arm	64	0.97		49.34	8	2	–	–	10	46.95
021	Armstrong–Spallumcheen	22	0.96		48.57	1	–	–	–	1	13.33
022	Vernon	119	0.81	*	41.18	20	3	–	–	23	48.63
023	Central Okanagan	372	1.01		51.50	50	13	–	–	63	46.60
024	Kamloops	279	1.04		53.09	34	10	–	–	44	48.46
025	100 Mile House	35	0.92		46.98	10	2	–	–	12	94.49
026	North Thompson	4	0.27	+	13.65	–	–	–	–	–	–
027	Cariboo–Chilcotin	101	1.04		52.88	14	2	–	–	16	50.00
028	Quesnel	81	0.95		48.50	5	5	–	–	10	43.10
029	Lillooet	12	0.69		35.29	2	–	–	–	2	38.46
030	South Cariboo	29	1.38		70.39	2	2	–	–	4	74.07
031	Merritt	46	1.24		63.19	2	1	–	–	3	27.52
032	Hope	15	0.68		34.40	2	1	–	–	3	33.33
033	Chilliwack	232	1.04		52.91	21	7	–	–	28	36.94
034	Abbotsford	369	0.88	*	44.87	61	24	–	–	85	54.95
035	Langley	288	0.87	*	44.42	39	11	–	–	50	41.25
036	Surrey	1,500	1.17	*	59.65	186	89	–	–	275	58.41
037	Delta	294	1.03		52.21	32	12	–	–	44	45.36
038	Richmond	414	0.98		50.04	52	29	–	–	81	51.30
040	New Westminster	191	1.15		58.61	35	15	–	–	50	76.22
041	Burnaby	578	1.12	*	56.83	92	33	–	–	125	61.33
042	Maple Ridge	230	0.96		48.99	28	8	–	–	36	41.91
043	Coquitlam	588	1.02		51.80	72	31	–	–	103	47.82
044	North Vancouver	277	0.77	*	39.21	50	13	–	–	63	47.33
045	West Vancouver–Bowen Is.	75	0.94		47.62	10	2	–	–	12	39.09
046	Sunshine Coast	58	0.93		47.31	5	1	–	–	6	26.91
047	Powell River	35	0.74		37.43	7	2	–	–	9	52.63
048	Howe Sound	98	0.98		49.57	22	4	–	–	26	64.84
049	Bella Coola Valley	10	0.76		38.76	3	1	–	–	4	90.91
050	Queen Charlotte	20	1.02		51.68	3	1	–	–	4	54.79
051	Snow Country	5	1.33		67.57	–	–	–	–	–	–
052	Prince Rupert	64	0.90		45.68	4	3	–	–	7	33.02
053	Upper Skeena	24	1.12		57.01	3	–	–	–	3	42.86
054	Smithers	68	0.95		48.40	6	2	–	–	8	29.85
055/093	Burns Lake/Eutsuk	21	0.76		38.67	–	1	–	–	1	10.00
056	Nechako	55	0.77		39.31	5	4	–	–	9	41.10
057	Prince George	344	1.04		53.01	36	15	–	–	51	46.41
059	Peace River South	63	0.67	*	33.82	9	3	–	–	12	40.96
060	Peace River North	93	0.78	*	39.64	20	8	–	–	28	53.85
061	Greater Victoria	489	1.03		52.33	57	16	–	–	73	43.69
062	Sooke	153	0.98		49.63	20	4	–	–	24	42.63
063	Saanich	74	0.66	*	33.70	16	6	–	–	22	60.11
064	Gulf Islands	9	0.35	*	17.68	5	–	–	–	5	53.76
065	Cowichan	132	0.96		48.91	23	4	–	–	27	51.92
066	Lake Cowichan	18	1.10		56.07	3	–	–	–	3	49.18
067	Ladysmith	40	0.88		44.49	4	3	–	–	7	53.03
068	Nanaimo	211	0.91		46.04	25	10	–	–	35	47.81
069	Qualicum	60	0.84		42.58	4	4	–	–	8	35.87
070	Alberni	73	0.79	*	40.20	13	1	–	–	14	46.67
071	Courtenay	143	0.98		49.98	18	2	–	–	20	42.83
072/084	Campbell River/V.I. West	112	0.90		45.90	19	3	–	–	22	55.14
075	Mission	120	1.02		51.61	17	3	–	–	20	51.68
076	Agassiz–Harrison	12	0.59		29.78	1	1	–	–	2	23.81
077	Summerland	20	0.88		44.74	7	–	–	–	7	93.33
078	Enderby	19	0.91		46.34	5	1	–	–	6	98.36
080	Kitimat	33	0.86		43.71	5	–	–	–	5	40.32
081	Fort Nelson	22	0.76		38.80	2	–	–	–	2	25.32
083	Central Coast	7	0.98		50.00	2	–	–	–	2	90.91
085	Vancouver Island North	49	0.95		48.42	5	1	–	–	6	33.90
087/094	Stikine/Telegraph Creek	7	1.24		63.06	3	–	–	–	3	125.00
088	Terrace	72	0.87		44.20	8	2	–	–	10	34.72
092	Nisga'a	8	0.97		49.38	3	–	–	–	3	78.95
161	Vancouver City Centre	152	0.99		50.12	28	15	–	–	43	57.64
162	Vancouver Downtown E. Side	151	1.09		55.56	20	9	–	–	29	59.79
163	Vancouver North East	374	1.19	*	60.50	44	22	–	–	66	58.00
164	Vancouver West Side	236	0.95		48.45	37	8	–	–	45	44.29
165	Vancouver Midtown	366	1.22	*	62.12	45	20	–	–	65	58.09
166	Vancouver South	392	1.08		55.01	60	29	–	–	89	70.24
039	**VANCOUVER TOTAL**	**1,672**	**1.10**	*	**56.05**	**234**	**103**	–	–	**337**	**58.39**
	N.S.	11	–	–	–	–	–	–	–	–	–
	PROVINCIAL TOTAL	**11,267**	**1.00**		**50.83**	**1,528**	**549**	–	–	**2,077**	**51.33**

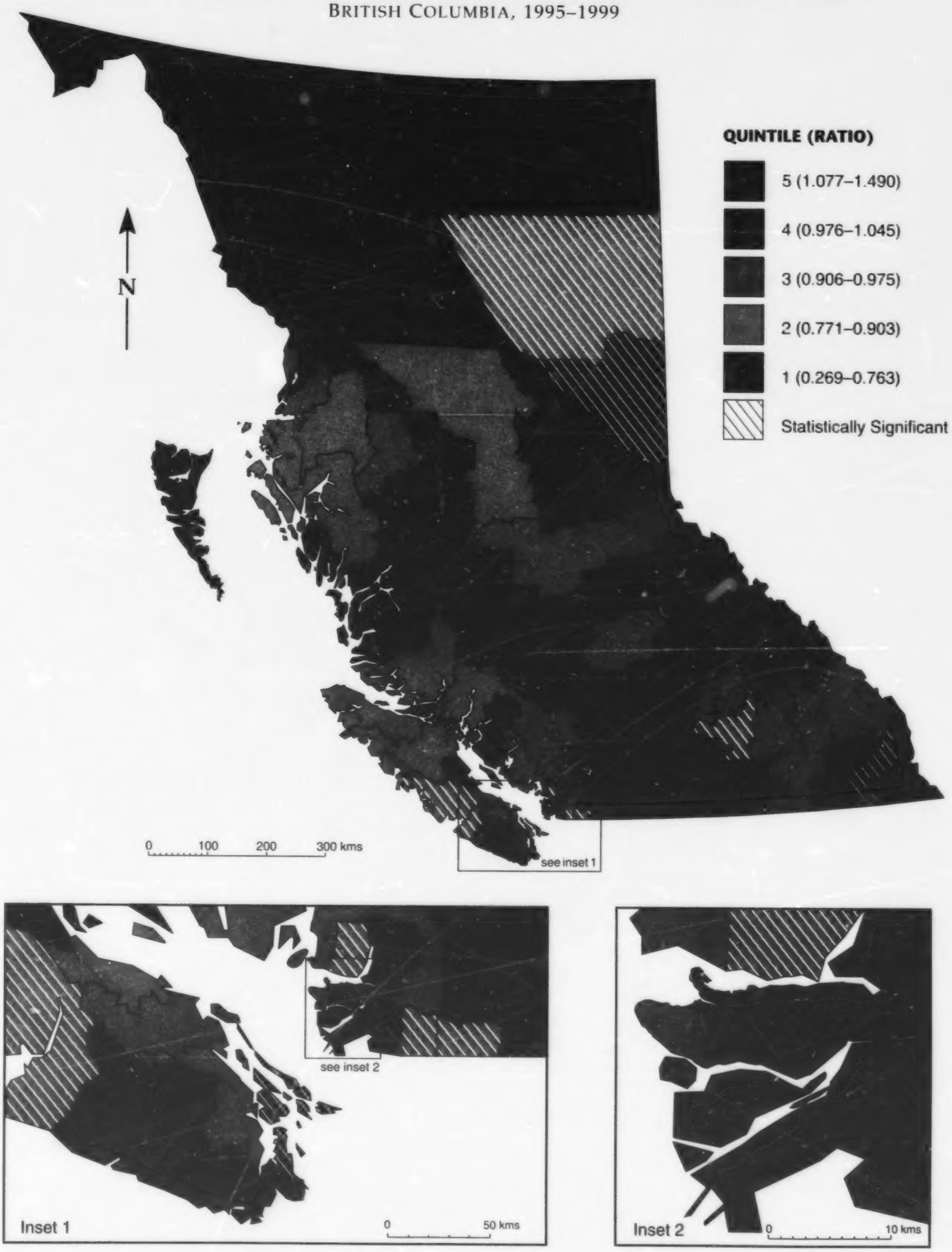
Note: Low Birth Weight – birth weight less than 2,500 grams. Ratio – observed over the expected low birth weight live births. *Statistical testing indicates that observed low birth weight live births are significantly different from the expected ($p<0.05$, two tailed). +Denotes significance based on less than five births. Rate per 1,000 live births in the specified area. LHA 039 Vancouver Total may include unspecified Vancouver addresses. N.S. – Not Stated. Non-residents are excluded.

LOW BIRTH WEIGHT LIVE BIRTHS BY GESTATIONAL AGE

Local Health Area		1995–1999				2000					
		Low Birth Weight Live Births				Gestational Age (in Weeks)					
		Observed	Ratio	(p)	Rate	<37	37–41	42+	N.S.	Total	Rate
001	Fernie	28	0.75		37.94	3	–	–	–	3	23.26
002	Cranbrook	50	0.75	*	37.88	7	2	–	–	9	41.86
003	Kimberley	10	0.58		29.33	–	2	–	–	2	32.79
004	Windermere	16	0.77		39.22	–	2	–	–	2	26.67
005	Creston	24	0.74		37.50	3	1	–	–	4	29.63
006/007	Kootenay Lake/Nelson	59	0.88		44.56	6	4	–	–	10	39.37
009	Castlegar	41	1.27		64.57	1	1	–	–	2	21.74
010	Arrow Lakes	13	0.94		47.79	5	–	–	–	5	125.00
011	Trail	41	0.90		45.50	13	2	–	–	15	88.76
012/013	Grand Forks/Kettle Valley	25	0.99		50.10	3	1	–	–	4	48.78
014	Southern Okanagan	60	1.49	*	75.76	8	1	–	–	9	60.00
015	Penticton	105	1.14		58.01	19	6	–	–	25	77.40
016	Keremeos	9	0.72		36.59	–	1	–	–	1	24.39
017	Princeton	11	1.08		54.73	3	1	–	–	4	125.00
018	Golden	12	0.59		29.78	1	–	–	–	1	17.24
019	Revelstoke	24	1.00		50.85	5	1	–	–	6	75.95
020	Salmon Arm	64	0.97		49.34	8	2	–	–	10	46.95
021	Armstrong–Spallumcheen	22	0.96		48.57	1	–	–	–	1	13.33
022	Vernon	119	0.81	*	41.18	20	3	–	–	23	48.63
023	Central Okanagan	372	1.01		51.50	50	13	–	–	63	46.60
024	Kamloops	279	1.04		53.09	34	10	–	–	44	48.46
025	100 Mile House	35	0.92		46.98	10	2	–	–	12	94.49
026	North Thompson	4	0.27	+	13.65	–	–	–	–	–	–
027	Cariboo–Chilcotin	101	1.04		52.88	14	2	–	–	16	50.00
028	Quesnel	81	0.95		48.50	5	5	–	–	10	43.10
029	Lillooet	12	0.69		35.29	2	–	–	–	2	38.46
030	South Cariboo	29	1.38		70.39	2	2	–	–	4	74.07
031	Merritt	46	1.24		63.19	2	1	–	–	3	27.52
032	Hope	15	0.68		34.40	2	1	–	–	3	33.33
033	Chilliwack	232	1.04		52.91	21	7	–	–	28	36.94
034	Abbotsford	369	0.88	*	44.87	61	24	–	–	85	54.95
035	Langley	288	0.87	*	44.42	39	11	–	–	50	41.25
036	Surrey	1,500	1.17	*	59.65	186	89	–	–	275	58.41
037	Delta	294	1.03		52.21	32	12	–	–	44	45.36
038	Richmond	414	0.98		50.04	52	29	–	–	81	51.30
040	New Westminster	191	1.15		58.61	35	15	–	–	50	76.22
041	Burnaby	578	1.12	*	56.83	92	33	–	–	125	61.33
042	Maple Ridge	230	0.96		48.99	28	8	–	–	36	41.91
043	Coquitlam	588	1.02		51.80	72	31	–	–	103	47.82
044	North Vancouver	277	0.77	*	39.21	50	13	–	–	63	47.33
045	West Vancouver–Bowen Is.	75	0.94		47.62	10	2	–	–	12	39.09
046	Sunshine Coast	58	0.93		47.31	5	1	–	–	6	26.91
047	Powell River	35	0.74		37.43	7	2	–	–	9	52.63
048	Howe Sound	98	0.98		49.57	22	4	–	–	26	64.84
049	Bella Coola Valley	10	0.76		38.76	3	1	–	–	4	90.91
050	Queen Charlotte	20	1.02		51.68	3	1	–	–	4	54.79
051	Snow Country	5	1.33		67.57	–	–	–	–	–	–
052	Prince Rupert	64	0.90		45.68	4	3	–	–	7	33.02
053	Upper Skeena	24	1.12		57.01	3	–	–	–	3	42.86
054	Smithers	68	0.95		48.40	6	2	–	–	8	29.85
055/093	Burns Lake/Eutsuk	21	0.76		38.67	–	1	–	–	1	10.00
056	Nechako	55	0.77		39.31	5	4	–	–	9	41.10
057	Prince George	344	1.04		53.01	36	15	–	–	51	46.41
059	Peace River South	63	0.67	*	33.82	9	3	–	–	12	40.96
060	Peace River North	93	0.78	*	39.64	20	8	–	–	28	53.85
061	Greater Victoria	489	1.03		52.33	57	16	–	–	73	43.69
062	Sooke	153	0.98		49.63	20	4	–	–	24	42.63
063	Saanich	74	0.66	*	33.70	16	6	–	–	22	60.11
064	Gulf Islands	9	0.35	*	17.68	5	–	–	–	5	53.76
065	Cowichan	132	0.96		48.91	23	4	–	–	27	51.92
066	Lake Cowichan	18	1.10		56.07	3	–	–	–	3	49.18
067	Ladysmith	40	0.88		44.49	4	3	–	–	7	53.03
068	Nanaimo	211	0.91		46.04	25	10	–	–	35	47.81
069	Qualicum	60	0.84		42.58	4	4	–	–	8	35.87
070	Alberni	73	0.79	*	40.20	13	1	–	–	14	46.67
071	Courtenay	143	0.98		49.98	18	2	–	–	20	42.83
072/084	Campbell River/V.I. West	112	0.90		45.90	19	3	–	–	22	55.14
075	Mission	120	1.02		51.61	17	3	–	–	20	51.68
076	Agassiz–Harrison	12	0.59		29.78	1	1	–	–	2	23.81
077	Summerland	20	0.88		44.74	7	–	–	–	7	93.33
078	Enderby	19	0.91		46.34	5	1	–	–	6	98.36
080	Kitimat	33	0.86		43.71	5	–	–	–	5	40.32
081	Fort Nelson	22	0.76		38.80	2	–	–	–	2	25.32
083	Central Coast	7	0.98		50.00	2	–	–	–	2	90.91
085	Vancouver Island North	49	0.95		48.42	5	1	–	–	6	33.90
087/094	Stikine/Telegraph Creek	7	1.24		63.06	3	–	–	–	3	125.00
088	Terrace	72	0.87		44.20	8	2	–	–	10	34.72
092	Nisga'a	8	0.97		49.38	3	–	–	–	3	78.95
161	Vancouver City Centre	152	0.99		50.12	28	15	–	–	43	57.64
162	Vancouver Downtown E. Side	151	1.09		55.56	20	9	–	–	29	59.79
163	Vancouver North East	374	1.19	*	60.50	44	22	–	–	66	58.00
164	Vancouver West Side	236	0.95		48.45	37	8	–	–	45	44.29
165	Vancouver Midtown	366	1.22	*	62.12	45	20	–	–	65	58.09
166	Vancouver South	392	1.08		55.01	60	29	–	–	89	70.24
039	**VANCOUVER TOTAL**	**1,672**	**1.10**	*	**56.05**	**234**	**103**	–	–	**337**	**58.39**
	N.S.	11	–	–	–	–	–	–	–	–	–
	PROVINCIAL TOTAL	**11,267**	**1.00**		**50.63**	**1,528**	**549**	–	–	**2,077**	**51.33**

Note: Low Birth Weight – birth weight less than 2,500 grams. Ratio – observed over the expected low birth weight live births. *Statistical testing indicates that observed low birth weight live births are significantly different from the expected (p<0.05, two tailed). +Denotes significance based on less than five births. Rate per 1,000 live births in the specified area. LHA 039 Vancouver Total may include unspecified Vancouver addresses. N.S. – Not Stated. Non-residents are excluded.

FIGURE 12
LOW BIRTH WEIGHT LIVE BIRTHS BY LOCAL HEALTH AREA
BRITISH COLUMBIA, 1995–1999


N
QUINTILE (RATIO)
5 (1.077–1.490)
4 (0.976–1.045)
3 (0.906–0.975)
2 (0.771–0.903)
1 (0.269–0.763)
Statistically Significant
0 100 200 300 kms
see inset 1
see inset 2
Inset 1
0 50 kms
Inset 2
0 10 kms

Note: Ratio – Observed over the expected. Refer to Figure 1 to clarify geographical location of Local Health Areas.

HIGHLIGHTS TO TABLE 16/FIGURE 12

- The provincial low birth weight (LBW) (less than 2,500 grams) live birth rate for 2000 was 51.33 per 1,000 live births, slightly higher than the 1995–1999 LBW rate (50.83).
- The five Local Health Areas (LHAs) with the highest LBW rates (based on at least five births) in 2000 (number of births in parentheses) were:

010	Arrow Lakes	125.00	(5)
078	Enderby	98.36	(6)
025	100 Mile House	94.49	(12)
077	Summerland	93.33	(7)
011	Trail	88.76	(15)

- The five LHAs with lowest LBW rates (based on at least five births) in 2000 (number of births in parentheses) were:

046	Sunshine Coast	26.91	(6)
054	Smithers	29.85	(8)
052	Prince Rupert	33.02	(7)
085	Vancouver Island North	33.90	(6)
088	Terrace	34.72	(10)

- In 2000, North Thompson and Snow Country did not have any low birth weight births.
- There were five LHAs with low birth weight ratios for the period 1995–1999 that were statistically significant and high (number of births and LBW rate per 1,000 live births, respectively, in parentheses):

014	Southern Okanagan	1.49	(60)	(75.76)
165	Vancouver Midtown	1.22	(366)	(62.12)
163	Vancouver North East	1.19	(374)	(60.50)
036	Surrey	1.17	(1,500)	(59.65)
041	Burnaby	1.12	(578)	(56.83)

- There were ten LHAs with low birth weight ratios for the period 1995–1999 that were statistically significant and low, based on at least five births. The five lowest (number of births and LBW rate per 1,000 live births in parentheses) were:

064	Gulf Islands	0.35	(9)	(17.68)
063	Saanich	0.66	(74)	(33.70)
059	Peace River South	0.67	(63)	(33.82)
002	Cranbrook	0.75	(50)	(37.88)
044	North Vancouver	0.77	(277)	(39.21)

TABLE 17

SELECTED MATERNAL COMPLICATIONS OF PREGNANCY AND DELIVERY IN LIVE BIRTHS BY AGE OF MOTHER

BRITISH COLUMBIA, 2000

Maternal Complications	ICD-10 Code(s)	Age of Mother (in Years)					Total	Percent
		<20	20–29	30–39	40+	N.S.		
Hypertension and hypertensive disorders in pregnancy	O10–O11, O13, O16	29	213	214	16	–	472	1.8
Edema and proteinuria without hypertension	O12	–	4	4	–	–	8	0.0
Pre-eclampsia and eclampsia	O14–O15	11	68	53	6	–	138	0.5
Hemorrhage in early pregnancy	O20	–	2	1	–	–	3	0.0
Hyperemesis gravidarum	O21	–	4	6	–	–	10	0.0
Other maternal disorders predominantly related to pregnancy	O22–O23, O25–O29	6	98	104	5	–	213	0.8
Diabetes in pregnancy	O24	3	131	253	20	–	407	1.5
Multiple gestation and related complications	O30–O31	27	322	455	46	–	850	3.2
Fetal malpresentation	O32	62	587	702	51	–	1,402	5.3
Disproportion	O33	9	148	194	15	–	366	1.4
Maternal abnormality of pelvic organs	O34	19	1,074	2,090	204	–	3,387	12.8
Disorders of amniotic fluid and membranes	O40–O42	22	246	304	26	–	598	2.3
Placental disorders	O43–O45, O73	19	171	222	21	–	433	1.6
Antepartum hemorrhage	O46	2	21	37	5	–	65	0.2
Prolonged pregnancy	O48	24	225	174	12	–	435	1.6
Preterm labour and delivery	O60	122	933	911	72	–	2,038	7.7
Abnormalities of forces of labour	O62–O63	68	600	592	54	–	1,314	5.0
Obstructed labour	O64–O66	82	817	817	65	–	1,781	6.7
Intrapartum hemorrhage	O67	–	3	4	1	–	8	0.0
Evidence of fetal distress	O68	83	702	719	45	–	1,549	5.9
Cord complications	O69	29	199	210	12	–	450	1.7
Obstetrical trauma	O70–O71	14	137	116	5	–	272	1.0
Post partum hemorrhage	O72	22	213	188	12	–	435	1.6
Assisted or surgical delivery – no cause given[1]	O81–O82	226	2,793	2,792	193	–	6,004	22.7
Maternal and puerperal infections	O85–O86, O98, A34	6	25	12	1	–	44	0.2
Other puerperal complications	O87–O92	–	8	9	–	–	17	0.1
Maternal non infectious diseases complicating the pregnant state	O99	14	127	144	12	–	297	1.1
Elderly primigravida	Z35.5	1	1	976	141	–	1,119	4.2
Alcohol use	O35.4	–	3	3	–	–	6	0.0
Drug use	O35.5	6	21	6	–	–	33	0.1
Tobacco use	F17.9	–	3	3	–	–	6	0.0
Other	O00–O08, O35.0–O35.3, O35.6–O36, O47, O61, O74–O75, O95–O97	95	1,034	1,088	78	–	2,295	8.7
Total maternal complications		**1,001**	**10,933**	**13,403**	**1,118**	**–**	**26,455**	**100.0**
Live births with the above maternal complications	**– Number**	**743**	**8,270**	**9,672**	**746**	**–**	**19,431**	
	– Percent(*)	**40.5**	**45.0**	**50.9**	**59.2**	**–**	**48.0**	

Note: Percent based upon maternal complications. Percent(*) based upon live births for the specified maternal age group.

[1] Where no other complication code is found. Total maternal complications based on the first three maternal complication codes, which may include codes other than those shown here. Total percentage may not add up to 100 due to rounding. N.S. – Not Stated. Non-residents are excluded.

HIGHLIGHTS TO TABLE 17

- Maternal complications of pregnancy and delivery were noted in 19,431 live births in 2000. Included in these maternal complications are preterm births, assisted or surgical deliveries where no cause was given, and elderly primigravida (first births to women aged 35 or older). Nearly half (48.0%) of all live births in 2000 involved maternal complications.
- The percentage of live births with maternal complications of pregnancy and delivery increased with the age of mother. More than two out of every five live births to teenage mothers had maternal complications (40.5%). In the age groups 20–29 and 30–39, maternal complications occurred in 45.0% and 50.9% of live births, respectively. For mothers aged 40 or older, the proportion rose to almost three in five (59.2%).
- The largest categories of maternal complications of pregnancy and delivery were assisted or surgical deliveries where no cause was given (22.7%) and maternal abnormality of pelvic organs (12.8%). These complications combined accounted for more than a third (35.5%) of all maternal complications.

TABLE 17

SELECTED MATERNAL COMPLICATIONS OF PREGNANCY AND DELIVERY IN LIVE BIRTHS BY AGE OF MOTHER

BRITISH COLUMBIA, 2000

Maternal Complications	ICD-10 Code(s)	Age of Mother (in Years)					Total	Percent
		<20	20–29	30–39	40+	N.S.		
Hypertension and hypertensive disorders in pregnancy	O10–O11, O13, O16	29	213	214	16	–	472	1.8
Edema and proteinuria without hypertension	O12	–	4	4	–	–	8	0.0
Pre-eclampsia and eclampsia	O14–O15	11	68	53	6	–	138	0.5
Hemorrhage in early pregnancy	O20	–	2	1	–	–	3	0.0
Hyperemesis gravidarum	O21	–	4	6	–	–	10	0.0
Other maternal disorders predominantly related to pregnancy	O22–O23, O25–O29	6	98	104	5	–	213	0.8
Diabetes in pregnancy	O24	3	131	253	20	–	407	1.5
Multiple gestation and related complications	O30–O31	27	322	455	46	–	850	3.2
Fetal malpresentation	O32	62	587	702	51	–	1,402	5.3
Disproportion	O33	9	148	194	15	–	366	1.4
Maternal abnormality of pelvic organs	O34	19	1,074	2,090	204	–	3,387	12.8
Disorders of amniotic fluid and membranes	O40–O42	22	246	304	26	–	598	2.3
Placental disorders	O43–O45, O73	19	171	222	21	–	433	1.6
Antepartum hemorrhage	O46	2	21	37	5	–	65	0.2
Prolonged pregnancy	O48	24	225	174	12	–	435	1.6
Preterm labour and delivery	O60	122	933	911	72	–	2,038	7.7
Abnormalities of forces of labour	O62–O63	68	600	592	54	–	1,314	5.0
Obstructed labour	O64–O66	82	817	817	65	–	1,781	6.7
Intrapartum hemorrhage	O67	–	3	4	1	–	8	0.0
Evidence of fetal distress	O68	83	702	719	45	–	1,549	5.9
Cord complications	O69	29	199	210	12	–	450	1.7
Obstetrical trauma	O70–O71	14	137	116	5	–	272	1.0
Post partum hemorrhage	O72	22	213	188	12	–	435	1.6
Assisted or surgical delivery – no cause given[1]	O81–O82	226	2,793	2,792	193	–	6,004	22.7
Maternal and puerperal infections	O85–O86, O98, A34	6	25	12	1	–	44	0.2
Other puerperal complications	O87–O92	–	8	9	–	–	17	0.1
Maternal non infectious diseases complicating the pregnant state	O99	14	127	144	12	–	297	1.1
Elderly primigravida	Z35.5	1	1	976	141	–	1,119	4.2
Alcohol use	O35.4	–	3	3	–	–	6	0.0
Drug use	O35.5	6	21	6	–	–	33	0.1
Tobacco use	F17.9	–	3	3	–	–	6	0.0
Other	O00–O08, O35.0–O35.3, O35.6–O36, O47, O61, O74–O75, O95–O97	95	1,034	1,088	78	–	2,295	8.7
Total maternal complications		**1,001**	**10,933**	**13,403**	**1,118**	**–**	**26,455**	**100.0**
Live births with the above maternal complications	**– Number**	**743**	**8,270**	**9,672**	**746**	**–**	**19,431**	
	– Percent(*)	**40.5**	**45.0**	**50.9**	**59.2**	**–**	**48.0**	

Note: Percent based upon maternal complications. Percent(*) based upon live births for the specified maternal age group.

[1] Where no other complication code is found. Total maternal complications based on the first three maternal complication codes, which may include codes other than those shown here. Total percentage may not add up to 100 due to rounding. N.S. – Not Stated. Non-residents are excluded.

HIGHLIGHTS TO TABLE 17

- Maternal complications of pregnancy and delivery were noted in 19,431 live births in 2000. Included in these maternal complications are preterm births, assisted or surgical deliveries where no cause was given, and elderly primigravida (first births to women aged 35 or older). Nearly half (48.0%) of all live births in 2000 involved maternal complications.
- The percentage of live births with maternal complications of pregnancy and delivery increased with the age of mother. More than two out of every five live births to teenage mothers had maternal complications (40.5%). In the age groups 20–29 and 30–39, maternal complications occurred in 45.0% and 50.9% of live births, respectively. For mothers aged 40 or older, the proportion rose to almost three in five (59.2%).
- The largest categories of maternal complications of pregnancy and delivery were assisted or surgical deliveries where no cause was given (22.7%) and maternal abnormality of pelvic organs (12.8%). These complications combined accounted for more than a third (35.5%) of all maternal complications.

MATERNAL COMPLICATIONS OF PREGNANCY AND DELIVERY IN LIVE BIRTHS

Local Health Area		1995–1999				2000				
		Observed Births	Ratio (p)	Percent	Total Live Births	Observed	Complications Expected	Ratio (p)	Percent	Total Live Births
001	Fernie	344	0.99	46.6	738	56	61.9	0.90	43.4	129
002	Cranbrook	419	0.68 *	31.7	1,320	72	103.2	0.70 *	33.5	215
003	Kimberley	137	0.86	40.2	341	24	29.3	0.82	39.3	61
004	Windermere	196	1.02	48.0	408	33	36.0	0.92	44.0	75
005	Creston	271	0.90	42.3	640	65	64.8	1.00	48.1	135
006/007	Kootenay Lake/Nelson	598	0.96	45.2	1,324	100	122.0	0.82 *	39.4	254
009	Castlegar	280	0.94	44.1	635	38	44.2	0.86	41.3	92
010	Arrow Lakes	125	0.98	46.0	272	18	19.2	0.94	45.0	40
011	Trail	443	1.05	49.2	901	89	81.1	1.10	52.7	169
012/013	Grand Forks/Kettle Valley	216	0.92	43.3	499	32	39.4	0.81	39.0	82
014	Southern Okanagan	360	0.97	45.5	792	68	72.0	0.94	45.3	150
015	Penticton	823	0.97	45.5	1,810	144	155.1	0.93	44.6	323
016	Keremeos	103	0.89	41.9	246	13	19.7	0.66	31.7	41
017	Princeton	83	0.88	41.3	201	17	15.4	1.11	53.1	32
018	Golden	191	1.01	47.4	403	32	27.8	1.15	55.2	58
019	Revelstoke	229	1.03	48.5	472	37	37.9	0.98	46.8	79
020	Salmon Arm	670	1.10 *	51.7	1,297	93	102.3	0.91	43.7	213
021	Armstrong–Spallumcheen	216	1.02	47.7	453	31	36.0	0.86	41.3	75
022	Vernon	1,297	0.96	44.9	2,890	217	227.1	0.96	45.9	473
023	Central Okanagan	3,007	0.89 *	41.6	7,223	576	649.2	0.89 *	42.6	1,352
024	Kamloops	2,600	1.05 *	49.5	5,255	407	436.0	0.93	44.8	908
025	100 Mile House	339	0.97	45.5	745	59	61.0	0.97	46.5	127
026	North Thompson	148	1.08	50.5	293	21	21.6	0.97	46.7	45
027	Cariboo–Chilcotin	992	1.11 *	51.9	1,910	158	153.7	1.03	49.4	320
028	Quesnel	830	1.06	49.7	1,670	102	111.4	0.92	44.0	232
029	Lillooet	192	1.20 *	56.5	340	24	25.0	0.96	46.2	52
030	South Cariboo	187	0.97	45.4	412	25	25.9	0.96	46.3	54
031	Merritt	342	1.00	47.0	728	54	52.3	1.03	49.5	109
032	Hope	209	1.02	47.9	436	43	43.2	1.00	47.8	90
033	Chilliwack	2,019	0.98	46.0	4,385	337	364.0	0.93	44.5	758
034	Abbotsford	3,482	0.90 *	42.3	8,223	695	742.8	0.94	44.9	1,547
035	Langley	2,812	0.92 *	43.4	6,484	570	582.0	0.98	47.0	1,212
036	Surrey	11,742	0.99	46.7	25,147	2,282	2,260.6	1.01	48.5	4,708
037	Delta	2,725	1.03	48.4	5,631	467	465.8	1.00	48.1	970
038	Richmond	4,078	1.05 *	49.3	8,274	837	758.2	1.10 *	53.0	1,579
040	New Westminster	1,587	1.04	48.7	3,259	326	315.0	1.03	49.7	656
041	Burnaby	4,561	0.96 *	44.8	10,171	980	978.6	1.00	48.1	2,038
042	Maple Ridge	2,279	1.03	48.5	4,695	459	412.5	1.11 *	53.4	859
043	Coquitlam	5,370	1.01	47.3	11,351	1,089	1,034.3	1.05	50.6	2,154
044	North Vancouver	3,169	0.96 *	44.9	7,065	635	639.1	0.99	47.7	1,331
045	West Vancouver–Bowen Is.	699	0.95	44.4	1,575	135	147.4	0.92	44.0	307
046	Sunshine Coast	578	1.00	47.1	1,226	94	107.1	0.88	42.2	223
047	Powell River	426	0.97	45.6	935	91	82.1	1.11	53.2	171
048	Howe Sound	895	0.96	45.3	1,977	204	192.5	1.06	50.9	401
049	Bella Coola Valley	120	0.99	46.5	258	26	21.1	1.23	59.1	44
050	Queen Charlotte	173	0.95	44.7	387	34	35.1	0.97	46.6	73
051	Snow Country	35	1.01	47.3	74	4	4.8	0.83	40.0	10
052	Prince Rupert	621	0.94	44.3	1,401	94	101.8	0.92	44.3	212
053	Upper Skeena	219	1.11	52.0	421	41	33.6	1.22	58.6	70
054	Smithers	603	0.91 *	42.9	1,405	126	128.7	0.98	47.0	268
055/093	Burns Lake/Eutsuk	236	0.93	43.5	543	39	48.0	0.81	39.0	100
056	Nechako	617	0.94	44.1	1,399	91	105.2	0.87	41.6	219
057	Prince George	2,903	0.95 *	44.7	6,489	460	527.7	0.87 *	41.9	1,099
059	Peace River South	794	0.91 *	42.6	1,863	124	140.7	0.88	42.3	293
060	Peace River North	945	0.86 *	40.3	2,346	201	249.7	0.81 *	38.7	520
061	Greater Victoria	4,545	1.04 *	48.6	9,345	737	802.4	0.92 *	44.1	1,671
062	Sooke	1,489	1.03	48.3	3,083	257	270.3	0.95	45.6	563
063	Saanich	1,053	1.02	48.0	2,196	166	175.7	0.94	45.4	366
064	Gulf Islands	232	0.97	45.6	509	33	44.7	0.74	35.5	93
065	Cowichan	1,253	0.99	46.4	2,699	229	249.7	0.92	44.0	520
066	Lake Cowichan	161	1.07	50.2	321	36	29.3	1.23	59.0	61
067	Ladysmith	452	1.07	50.3	899	71	63.4	1.12	53.8	132
068	Nanaimo	2,615	1.22 *	57.1	4,583	465	351.5	1.32 *	63.5	732
069	Qualicum	774	1.17 *	54.9	1,409	133	107.1	1.24 *	59.6	223
070	Alberni	882	1.03	48.6	1,816	142	144.1	0.99	47.3	300
071	Courtenay	1,484	1.10 *	51.9	2,861	205	224.2	0.91	43.9	467
072/084	Campbell River/V.I. West	1,226	1.07 *	50.2	2,440	235	191.6	1.23 *	58.9	399
075	Mission	1,034	0.95	44.5	2,325	179	185.8	0.96	46.3	387
076	Agassiz–Harrison	195	1.03	48.4	403	44	40.3	1.09	52.4	84
077	Summerland	189	0.90	42.3	447	39	36.0	1.08	52.0	75
078	Enderby	191	0.99	46.6	410	31	29.3	1.06	50.8	61
080	Kitimat	394	1.11 *	52.2	755	64	59.5	1.07	51.6	124
081	Fort Nelson	247	0.93	43.6	567	36	37.9	0.95	45.6	79
083	Central Coast	76	1.16	54.3	140	14	10.6	1.33	63.6	22
085	Vancouver Island North	507	1.07	50.1	1,012	84	85.0	0.99	47.5	177
087/094	Stikine/Telegraph Creek	42	0.81	37.8	111	11	11.5	0.95	45.8	24
088	Terrace	716	0.94	44.0	1,629	151	138.3	1.09	52.4	288
092	Nisga'a	78	1.03	48.1	162	26	18.2	1.42	68.4	38
161	Vancouver City Centre	1,653	1.16 *	54.5	3,033	437	358.2	1.22 *	58.6	746
162	Vancouver Downtown E. Side	1,256	0.98	46.2	2,718	243	232.9	1.04	50.1	485
163	Vancouver North East	2,889	1.00	46.7	6,182	545	546.4	1.00	47.9	1,138
164	Vancouver West Side	2,455	1.07 *	50.4	4,871	527	487.9	1.08	51.9	1,016
165	Vancouver Midtown	2,958	1.07 *	50.2	5,892	553	537.3	1.03	49.4	1,119
166	South Vancouver	3,457	1.03	48.5	7,126	647	608.4	1.06	51.1	1,267
039	**VANCOUVER TOTAL**	**14,673**	**1.05** *	**49.2**	**29,833**	**2,952**	**2771.5**	**1.07**	**51.1**	**5,772**
	N.S	27	–	–	69	2	–	–	–	2
	PROVINCIAL TOTAL	**104,070**	**–**	**–**	**221,862**	**19,431**	**–**	**–**	**–**	**40,467**

Note: Observed births denotes live births with at least one maternal complication code in ICD-9 (1995–1999) and ICD-10 (2000). *Statistical testing indicates that the observed number of births with maternal complications is signficantly different from the expected (p<0.05, two tailed). Percent of observed births is based on total live births. Ratio – observed over the expected. LHA 039 Vancouver Total may include unspecified Vancouver addresses. N.S. – Not Stated. Non-residents are excluded.

MATERNAL COMPLICATIONS OF PREGNANCY AND DELIVERY IN LIVE BIRTHS

TABLE 18

Local Health Area		1995–1999				2000				
		Observed Births	Ratio (p)	Percent	Total Live Births	Complications Observed	Complications Expected	Ratio (p)	Percent	Total Live Births
001	Fernie	344	0.99	46.6	738	56	61.9	0.90	43.4	129
002	Cranbrook	419	0.68 *	31.7	1,320	72	103.2	0.70 *	33.5	215
003	Kimberley	137	0.86	40.2	341	24	29.3	0.82	39.3	61
004	Windermere	196	1.02	48.0	408	33	36.0	0.92	44.0	75
005	Creston	271	0.90	42.3	640	65	64.8	1.00	48.1	135
006/007	Kootenay Lake/Nelson	598	0.96	45.2	1,324	100	122.0	0.82 *	39.4	254
009	Castlegar	280	0.94	44.1	635	38	44.2	0.86	41.3	92
010	Arrow Lakes	125	0.98	46.0	272	18	19.2	0.94	45.0	40
011	Trail	443	1.05	49.2	901	89	81.1	1.10	52.7	169
012/013	Grand Forks/Kettle Valley	216	0.92	43.3	499	32	39.4	0.81	39.0	82
014	Southern Okanagan	360	0.97	45.5	792	68	72.0	0.94	45.3	150
015	Penticton	823	0.97	45.5	1,810	144	155.1	0.93	44.6	323
016	Keremeos	103	0.89	41.9	246	13	19.7	0.66	31.7	41
017	Princeton	83	0.88	41.3	201	17	15.4	1.11	53.1	32
018	Golden	191	1.01	47.4	403	32	27.8	1.15	55.2	58
019	Revelstoke	229	1.03	48.5	472	37	37.9	0.98	46.8	79
020	Salmon Arm	670	1.10 *	51.7	1,297	93	102.3	0.91	43.7	213
021	Armstrong–Spallumcheen	216	1.02	47.7	453	31	36.0	0.86	41.3	75
022	Vernon	1,297	0.96	44.9	2,890	217	227.1	0.96	45.9	473
023	Central Okanagan	3,007	0.89 *	41.6	7,223	576	649.2	0.89 *	42.6	1,352
024	Kamloops	2,600	1.05 *	49.5	5,255	407	436.0	0.93	44.8	908
025	100 Mile House	339	0.97	45.5	745	59	61.0	0.97	46.5	127
026	North Thompson	148	1.08	50.5	293	21	21.6	0.97	46.7	45
027	Cariboo–Chilcotin	992	1.11 *	51.9	1,910	158	153.7	1.03	49.4	320
028	Quesnel	830	1.06	49.7	1,670	102	111.4	0.92	44.0	232
029	Lillooet	192	1.20 *	56.5	340	24	25.0	0.96	46.2	52
030	South Cariboo	187	0.97	45.4	412	25	25.9	0.96	46.3	54
031	Merritt	342	1.00	47.0	728	54	52.3	1.03	49.5	109
032	Hope	209	1.02	47.9	436	43	43.2	1.00	47.8	90
033	Chilliwack	2,019	0.98	46.0	4,385	337	364.0	0.93	44.5	758
034	Abbotsford	3,482	0.90 *	42.3	8,223	695	742.8	0.94	44.9	1,547
035	Langley	2,812	0.92 *	43.4	6,484	570	582.0	0.98	47.0	1,212
036	Surrey	11,742	0.99	46.7	25,147	2,282	2,260.6	1.01	48.5	4,708
037	Delta	2,725	1.03	48.4	5,631	467	465.8	1.00	48.1	970
038	Richmond	4,078	1.05 *	49.3	8,274	837	758.2	1.10 *	53.0	1,579
040	New Westminster	1,587	1.04	48.7	3,259	326	315.0	1.03	49.7	656
041	Burnaby	4,561	0.96 *	44.8	10,171	980	978.6	1.00	48.1	2,038
042	Maple Ridge	2,279	1.03	48.5	4,695	459	412.5	1.11 *	53.4	859
043	Coquitlam	5,370	1.01	47.3	11,351	1,089	1,034.3	1.05	50.6	2,154
044	North Vancouver	3,169	0.96 *	44.9	7,065	635	639.1	0.99	47.7	1,331
045	West Vancouver–Bowen Is.	699	0.95	44.4	1,575	135	147.4	0.92	44.0	307
046	Sunshine Coast	578	1.00	47.1	1,226	94	107.1	0.88	42.2	223
047	Powell River	426	0.97	45.6	935	91	82.1	1.11	53.2	171
048	Howe Sound	895	0.96	45.3	1,977	204	192.5	1.06	50.9	401
049	Bella Coola Valley	120	0.99	46.5	258	26	21.1	1.23	59.1	44
050	Queen Charlotte	173	0.95	44.7	387	34	35.1	0.97	46.6	73
051	Snow Country	35	1.01	47.3	74	4	4.8	0.83	40.0	10
052	Prince Rupert	621	0.94	44.3	1,401	94	101.8	0.92	44.3	212
053	Upper Skeena	219	1.11	52.0	421	41	33.6	1.22	58.6	70
054	Smithers	603	0.91 *	42.9	1,405	126	128.7	0.98	47.0	268
055/093	Burns Lake/Eutsuk	236	0.93	43.5	543	39	48.0	0.81	39.0	100
056	Nechako	617	0.94	44.1	1,399	91	105.2	0.87	41.6	219
057	Prince George	2,903	0.95 *	44.7	6,489	460	527.7	0.87 *	41.9	1,099
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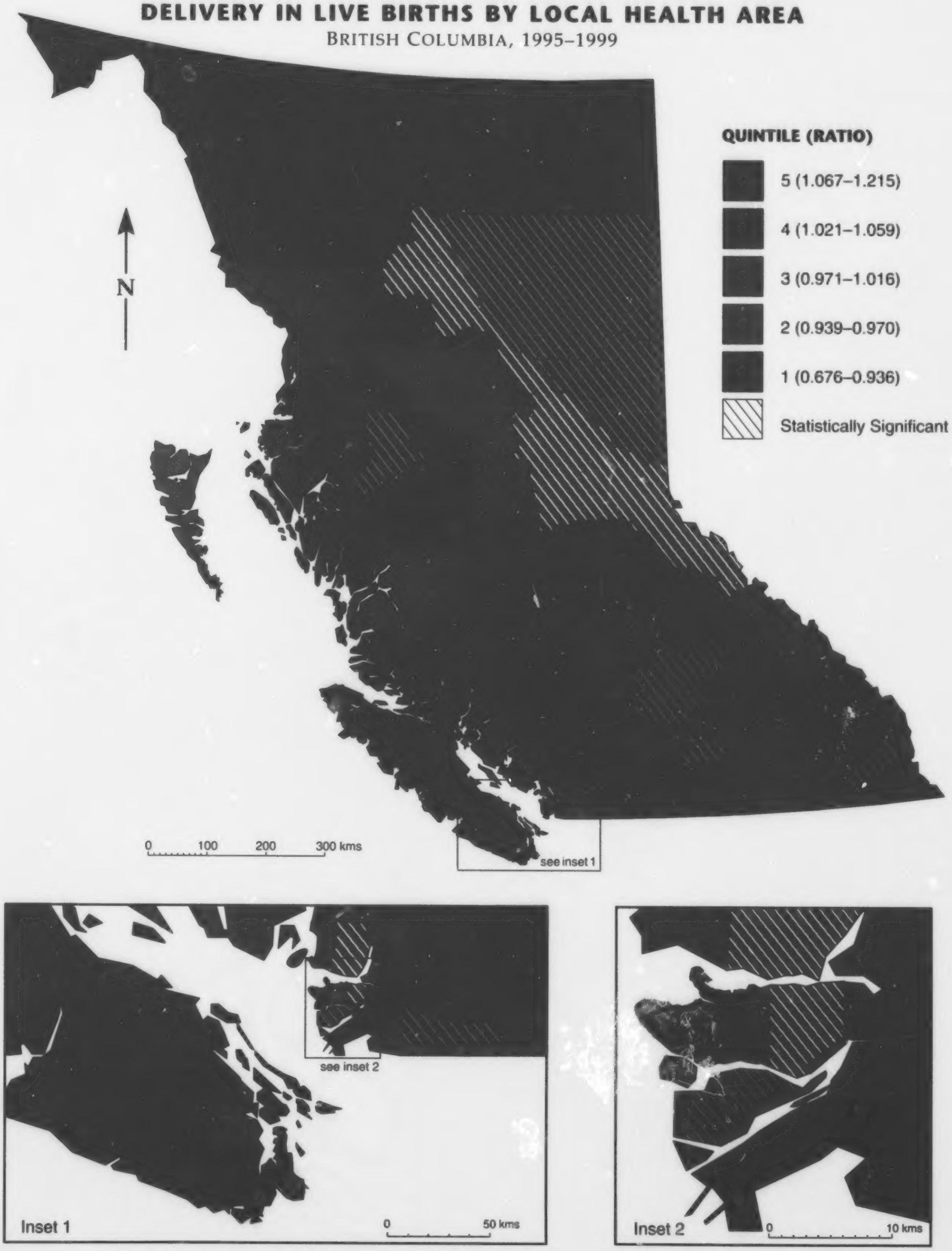
060	Peace River North	945	0.86 *	40.3	2,346	201	249.7	0.81 *	38.7	520
061	Greater Victoria	4,545	1.04 *	48.6	9,345	737	802.4	0.92 *	44.1	1,671
062	Sooke	1,489	1.03	48.3	3,083	257	270.3	0.95	45.6	563
063	Saanich	1,053	1.02	48.0	2,196	166	175.7	0.94	45.4	366
064	Gulf Islands	232	0.97	45.6	509	33	44.7	0.74	35.5	93
065	Cowichan	1,253	0.99	46.4	2,699	229	249.7	0.92	44.0	520
066	Lake Cowichan	161	1.07	50.2	321	36	29.3	1.23	59.0	61
067	Ladysmith	452	1.07	50.3	899	71	63.4	1.12	53.8	132
068	Nanaimo	2,615	1.22 *	57.1	4,583	465	351.5	1.32 *	63.5	732
069	Qualicum	774	1.17 *	54.9	1,409	133	107.1	1.24 *	59.6	223
070	Alberni	882	1.03	48.6	1,816	142	144.1	0.99	47.3	300
071	Courtenay	1,484	1.10 *	51.9	2,861	205	224.2	0.91	43.9	467
072/084	Campbell River/V.I. West	1,226	1.07 *	50.2	2,440	235	191.6	1.23 *	58.9	399
075	Mission	1,034	0.95	44.5	2,325	179	185.8	0.96	46.3	387
076	Agassiz–Harrison	195	1.03	48.4	403	44	40.3	1.09	52.4	84
077	Summerland	189	0.90	42.3	447	39	36.0	1.08	52.0	75
078	Enderby	191	0.99	46.6	410	31	29.3	1.06	50.8	61
080	Kitimat	394	1.11 *	52.2	755	64	59.5	1.07	51.6	124
081	Fort Nelson	247	0.93	43.6	567	36	37.9	0.95	45.6	79
083	Central Coast	76	1.16	54.3	140	14	10.6	1.33	63.6	22
085	Vancouver Island North	507	1.07	50.1	1,012	84	85.0	0.99	47.5	177
087/094	Stikine/Telegraph Creek	42	0.81	37.8	111	11	11.5	0.95	45.8	24
088	Terrace	716	0.94	44.0	1,629	151	138.3	1.09	52.4	288
092	Nisga'a	78	1.03	48.1	162	26	18.2	1.42	68.4	38
161	Vancouver City Centre	1,653	1.16 *	54.5	3,033	437	358.2	1.22 *	58.6	746
162	Vancouver Downtown E. Side	1,256	0.98	46.2	2,718	243	232.9	1.04	50.1	485
163	Vancouver North East	2,889	1.00	46.7	6,182	545	546.4	1.00	47.9	1,138
164	Vancouver West Side	2,455	1.07 *	50.4	4,871	527	487.9	1.08	51.9	1,016
165	Vancouver Midtown	2,958	1.07 *	50.2	5,892	553	537.3	1.03	49.4	1,119
166	South Vancouver	3,457	1.03	48.5	7,126	647	608.4	1.06	51.1	1,267
039	**VANCOUVER TOTAL**	**14,673**	**1.05 ***	**49.2**	**29,833**	**2,952**	**2771.5**	**1.07**	**51.1**	**5,772**
	N.S	27	–	–	69	2	–	–	–	2
	PROVINCIAL TOTAL	**104,070**	–	–	**221,662**	**19,431**	–	–	–	**40,467**

Note: Observed births denotes live births with at least one maternal complication code in ICD-9 (1995–1999) and ICD-10 (2000). *Statistical testing indicates that the observed number of births with maternal complications is signficantly different from the expected ($p<0.05$, two tailed). Percent of observed births is based on total live births. Ratio – observed over the expected. LHA 039 Vancouver Total may include unspecified Vancouver addresses. N.S. – Not Stated. Non-residents are excluded.

FIGURE 13

MATERNAL COMPLICATIONS OF PREGNANCY AND DELIVERY IN LIVE BIRTHS BY LOCAL HEALTH AREA

BRITISH COLUMBIA, 1995–1999


QUINTILE (RATIO)
5 (1.067–1.215)
4 (1.021–1.059)
3 (0.971–1.016)
2 (0.939–0.970)
1 (0.676–0.936)
Statistically Significant
N
0
100
200
300 kms
see inset 1
see inset 2
Inset 1
0
50 kms
Inset 2
0
10 kms

Note: Ratio – Observed over the expected. Refer to Figure 1 to clarify geographical location of Local Health Areas.

HIGHLIGHTS TO TABLE 18/FIGURE 13

- There were six Local Health Areas (LHAs) with maternal complication ratios that were statistically significant and high in 2000 (number of births with maternal complications in parentheses). These were:

068	Nanaimo	1.32	(465)
069	Qualicum	1.24	(133)
072/084	Campbell River/V.I. West	1.23	(235)
161	Vancouver City Centre	1.22	(437)
042	Maple Ridge	1.11	(459)
038	Richmond	1.10	(837)

- All above LHAs except Maple Ridge also had statistically significant high ratios for the 1995–1999 period.
- The six LHAs with maternal complication ratios that were statistically significant and low in 2000 (number of births in parentheses) were:

002	Cranbrook	0.70	(72)
060	Peace River North	0.81	(201)
006/007	Kootenay Lake/Nelson	0.82	(100)
057	Prince George	0.87	(460)
023	Central Okanagan	0.89	(576)
061	Greater Victoria	0.92	(737)

- Greater Victoria had a statistically significant high ratio for 1995–1999; all of the other LHAs listed above except Kootenay Lake/Nelson had statistically significant low ratios for the 1995–1999 period.
- There were 14 LHAs with statistically significant and high maternal complication ratios in 1995–1999. The six LHAs with the highest ratios that were statistically significant (number of births in parentheses) were:

068	Nanaimo	1.22	(2,615)
029	Lillooet	1.20	(192)
069	Qualicum	1.17	(774)
161	Vancouver City Centre	1.16	(1,653)
027	Cariboo Chilcotin	1.11	(992)
080	Kitimat	1.11	(394)

- There were 10 LHAs with statistically significant and low maternal complication ratios in 1995–1999. The six LHAs with the lowest ratios that were statistically significant (number of births in parentheses) were:

002	Cranbrook	0.68	(419)
060	Peace River North	0.86	(945)
023	Central Okanagan	0.89	(3,007)
034	Abbotsford	0.90	(3,482)
059	Peace River South	0.91	(794)
054	Smithers	0.91	(603)

VITAL STATISTICS INFORMATION BOX

INFORMATION BOX FOR TABLE 17

SELECTED MATERNAL COMPLICATIONS OF PREGNANCY AND DELIVERY IN LIVE BIRTHS BY AGE OF MOTHER

BRITISH COLUMBIA, 1995–1999

		Age of Mother (in Years)						
Maternal Complications	**ICD-9 Code(s)**	**<20**	**20–29**	**30–39**	**40+**	**N.S.**	**Total**	**Percent**
Antepartum hemorrhage	640–641	83	989	1,339	115	1	2,527	1.8
Hypertension/eclampsia	642	311	2,288	2,069	182	–	4,850	3.5
Hyperemesis	643	6	59	51	3	–	119	0.1
Early or threatened labour	644	708	5,241	5,093	346	3	11,391	8.1
Prolonged pregnancy	645	279	2,200	1,690	91	–	4,260	3.0
Other complications of pregnancy	646	60	536	483	22	–	1,101	0.8
Infective and parasitic conditions	647	69	489	449	33	–	1,040	0.7
Diabetes in pregnancy	648.0, 648.8–648.9	83	1,667	2,699	250	–	4,699	3.4
Other maternal diseases classifiable elsewhere but complicating pregnancy, childbirth and the puerperium[1]	648.1–648.7	73	494	393	50	–	1,010	0.7
Malposition and malpresentation	652	317	3,859	4,412	247	3	8,838	6.3
Disproportion	653	223	2,594	2,981	199	–	5,997	4.3
Abnormality of reproductive organs	654 (+)	157	6,682	10,982	841	1	18,663	13.4
Fetal abnormality affecting mother	655–656	924	8,384	8,104	506	1	17,919	12.8
Other problems of amniotic cavity	657–658, 667	353	3,507	3,444	209	–	7,513	5.4
Obstructed labour	660	502	4,940	4,534	250	–	10,226	7.3
Abnormality of forces of labour	661	245	2,538	2,387	117	1	5,288	3.8
Long labour	662	137	1,375	1,145	44	–	2,701	1.9
Umbilical cord complications	663	123	1,230	1,154	59	1	2,567	1.8
Obstetrical trauma	664–665	91	719	645	24	1	1,480	1.1
Postpartum hemorrhage	666	222	1,647	1,235	60	–	3,164	2.3
Other labour/delivery complications	659, 668–669	972	10,083	12,237	991	2	24,285	17.4
Other puerperal complications	670–676	6	60	83	5	–	154	0.1
Total maternal complications	**640–648, 652–676**	**5,944**	**61,581**	**67,609**	**4,644**	**14**	**139,792**	**100.0**
Live births with the above maternal complications	**– Number**	**4,519**	**46,976**	**49,401**	**3,163**	**11**	**104,070**	
	– Percent(*)	**40.9**	**43.9**	**50.2**	**60.1**	**–**	**46.9**	

Note: Percent based upon maternal complications. Percent(*) based upon live births for the specified maternal age group.

(+) includes uterine scar from previous cesarean section.

[1] Previously included diabetes which is now a separate category.

Total maternal complications based on the first three maternal complication codes, which may include codes other than those shown here.

Total percentage may not add up to 100 due to rounding.

N.S. – Not Stated. Non-residents are excluded.

VITAL STATISTICS INFORMATION BOX

INFORMATION BOX FOR TABLE 17

SELECTED MATERNAL COMPLICATIONS OF PREGNANCY AND DELIVERY IN LIVE BIRTHS BY AGE OF MOTHER

BRITISH COLUMBIA, 1995–1999

Maternal Complications	ICD-9 Code(s)	Age of Mother (in Years) <20	20–29	30–39	40+	N.S.	Total	Percent
Antepartum hemorrhage	640–641	83	989	1,339	115	1	2,527	1.8
Hypertension/eclampsia	642	311	2,288	2,069	182	–	4,850	3.5
Hyperemesis	643	6	59	51	3	–	119	0.1
Early or threatened labour	644	708	5,241	5,093	346	3	11,391	8.1
Prolonged pregnancy	645	279	2,200	1,690	91	–	4,260	3.0
Other complications of pregnancy	646	60	536	483	22	–	1,101	0.8
Infective and parasitic conditions	647	69	489	449	33	–	1,040	0.7
Diabetes in pregnancy	648.0, 648.8–648.9	83	1,667	2,699	250	–	4,699	3.4
Other maternal diseases classifiable elsewhere but complicating pregnancy, childbirth and the puerperium[1]	648.1–648.7	73	494	393	50	–	1,010	0.7
Malposition and malpresentation	652	317	3,859	4,412	247	3	8,838	6.3
Disproportion	653	223	2,594	2,981	199	–	5,997	4.3
Abnormality of reproductive organs	654 (+)	157	6,682	10,982	841	1	18,663	13.4
Fetal abnormality affecting mother	655–656	924	8,384	8,104	506	1	17,919	12.8
Other problems of amniotic cavity	657–658, 667	353	3,507	3,444	209	–	7,513	5.4
Obstructed labour	660	502	4,940	4,534	250	–	10,226	7.3
Abnormality of forces of labour	661	245	2,538	2,387	117	1	5,288	3.8
Long labour	662	137	1,375	1,145	44	–	2,701	1.9
Umbilical cord complications	663	123	1,230	1,154	59	1	2,567	1.8
Obstetrical trauma	664–665	91	719	645	24	1	1,480	1.1
Postpartum hemorrhage	666	222	1,647	1,235	60	–	3,164	2.3
Other labour/delivery complications	659, 668–669	972	10,083	12,237	991	2	24,285	17.4
Other puerperal complications	670–676	6	60	83	5	–	154	0.1
Total maternal complications	**640–648, 652–676**	**5,944**	**61,581**	**67,609**	**4,644**	**14**	**139,792**	**100.0**
Live births with the above	**– Number**	**4,519**	**46,976**	**49,401**	**3,163**	**11**	**104,070**	
maternal complications	**– Percent(*)**	**40.9**	**43.9**	**50.2**	**60.1**	**–**	**46.9**	

Note: Percent based upon maternal complications. Percent(*) based upon live births for the specified maternal age group.
(+) includes uterine scar from previous cesarean section.
[1] Previously included diabetes which is now a separate category. .
Total maternal complications based on the first three maternal complication codes, which may include codes other than those shown here.
Total percentage may not add up to 100 due to rounding.
N.S. – Not Stated. Non-residents are excluded.

TABLE 19
PERINATAL COMPLICATIONS IN LIVE BIRTHS BY AGE OF MOTHER
BRITISH COLUMBIA, 2000

Perinatal Complications	ICD-10 Code(s)	Age of Mother (in Years)					Total	Percent
		<20	20–29	30–39	40+	N.S.		
Maternal conditions which may be unrelated to current pregnancy	P00	1	4	3	2	–	10	0.1
Complications of pregnancy, labour and delivery	P01, P03	80	1,062	1,300	100	–	2,542	13.7
Complications of placenta, cord and membranes	P02	41	307	344	26	–	718	3.9
Fetus affected by noxious influences transmitted via placenta (or breast milk)	P04 (+)	–	4	–	1	–	5	0.0
Slow fetal growth/malnutrition/ small for dates	P05	56	516	535	37	–	1,144	6.2
Short gestation	P07.2–P07.3	155	1,166	1,267	117	–	2,705	14.6
Long gestation and high birth weight	P08	68	745	727	54	–	1,594	8.6
Birth trauma	P10–P15	2	24	30	–	–	56	0.3
Intrauterine hypoxia and birth asphyxia	P20–P21	521	4,438	4,249	264	–	9,472	51.1
Respiratory conditions of fetus and newborn	P22–P28	9	91	70	1	–	171	0.9
Cardiovascular disorders originating in perinatal period (excluding congenital malformations)	P29 (+)	–	3	6	–	–	9	0.0
Infections specific to the perinatal period	P35–P39	–	8	5	–	–	13	0.1
Fetal and neonatal hemorrhage	P50–P52, P54	–	13	14	1	–	28	0.2
Perinatal jaundice/other hematological disorders	P53, P55–P61	–	9	5	–	–	14	0.1
Perinatal endocrine and metabolic disturbances	P70–P74	1	3	3	1	–	8	0.0
Perinatal digestive system disorders	P75–P78	–	–	–	–	–	–	–
Integument and temperature regulation conditions	P80–P83	–	9	13	1	–	23	0.1
Other and ill-defined perinatal conditions	P90–P96	2	20	13	–	–	35	0.2
Total perinatal conditions	**P00–P96**	**936**	**8,422**	**8,584**	**605**	**–**	**18,547**	**100.0**
Live births with the above perinatal complications	**– Number**	**708**	**6,361**	**6,381**	**439**	**–**	**13,889**	
	– Percent(*)	**38.6**	**34.6**	**33.6**	**34.8**	**–**	**34.3**	

Note: Percent based upon perinatal complications. Percent(*) based upon live births for the maternal age group. (+) New category, no direct ICD-9 equivalent. Total perinatal complications based on the first five perinatal complication codes, which may include codes other than those shown here. Total percentage may not add up to 100 due to rounding.
N.S. – Not Stated. Non-residents are excluded.

HIGHLIGHTS TO TABLE 19

- Perinatal complications were noted in 13,889 births or one in three (34.3%) live births in 2000.
- The proportion of births that had perinatal complications was highest (38.6%) in births to teenage mothers, and tended to decrease as the maternal age groups increased, from 34.6% in the 20–29 age group to 33.6% in the 30–39 age group. For mothers over 40 years of age, this proportion was 34.8%.
- Intrauterine hypoxia and birth asphyxia accounted for more than half (51.1%) of the perinatal complications noted in 2000. Complications of pregnancy, labour and delivery plus short gestation accounted for more than one out of four (28.3%) of the perinatal complications. Long gestation and high birth weight was noted as a perinatal complication in less than one in ten births (8.6%).

VITAL STATISTICS INFORMATION BOX

INFORMATION BOX FOR TABLE 19

PERINATAL COMPLICATIONS IN LIVE BIRTHS BY AGE OF MOTHER

BRITISH COLUMBIA, 1995–1999

		Age of Mother (in Years)						
Perinatal Complications	**ICD-9 Code(s)**	**<20**	**20–29**	**30–39**	**40+**	**N.S.**	**Total**	**Percent**
Maternal conditions not related to pregnancy	760	2	4	6	1	–	13	0.0
Complications of pregnancy, labour and delivery	761, 763(+)	411	4,884	5,253	314	–	10,862	11.8
Complications of placenta, cord and membranes	762	139	1,353	1,587	112	2	3,193	3.5
Slow fetal growth/malnutrition/ small for dates	764	163	1,257	1,036	83	–	2,539	2.8
Short gestation	765	784	6,167	6,345	474	3	13,773	14.9
Long gestation and high birth weight	766 (++)	418	4,204	3,768	195	–	8,585	9.3
Birth trauma	767	29	244	185	6	–	464	0.5
Intrauterine hypoxia and birth asphyxia	768	2,949	24,899	21,849	1,207	5	50,909	55.2
Respiratory conditions of fetus and newborn	769–770	84	613	468	22	–	1,187	1.3
Infections specific to the perinatal period	771	12	54	39	2	–	107	0.1
Fetal and neonatal hemorrhage	772	3	48	57	2	–	110	0.1
Perinatal jaundice/other hematological disorders	773–774, 776	4	29	26	3	–	62	0.1
Perinatal endocrine and metabolic disturbances	775	–	21	19	–	–	40	0.0
Perinatal digestive system disorders	777	–	–	5	–	–	5	0.0
Integument and temperature regulation conditions	778	7	69	56	2	–	134	0.1
Other and ill-defined perinatal conditions	779	17	116	104	3	–	240	0.3
Fetus affected by noxious influences transmitted via placenta (or breast milk)	760.7–760.8 (+++)	2	7	6	2	–	17	0.0
Total perinatal conditions	**760–779**	**5,024**	**43,969**	**40,809**	**2,428**	**10**	**92,240**	**100.0**
Live births with the above perinatal complications	**– Number**	**3,977**	**34,748**	**31,690**	**1,825**	**6**	**72,246**	
	– Percent(*)	**36.0**	**32.5**	**32.2**	**34.7**	**–**	**32.6**	

Note: Percent based upon perinatal complications. Percent(*) based upon live births for the specified maternal age group.
(+) excludes 763.3 which is used only as a flag for vacuum extraction delivery.
(++) includes only 766.0 (where birth weight ≥ 4500 grams) and 766.2 (where gestational age > 41 weeks).
(+++) previously included in "Maternal conditions not related to pregnancy."
Total perinatal complications based on the first five complication codes, which may include codes other than those shown here.
Total percentage may not add up to 100 due to rounding.
N.S. – Not Stated. Non-residents are excluded.

TABLE 19

PERINATAL COMPLICATIONS IN LIVE BIRTHS BY AGE OF MOTHER

BRITISH COLUMBIA, 2000

Perinatal Complications	ICD-10 Code(s)	Age of Mother (in Years)					Total	Percent
		<20	20–29	30–39	40+	N.S.		
Maternal conditions which may be unrelated to current pregnancy	P00	1	4	3	2	–	10	0.1
Complications of pregnancy, labour and delivery	P01, P03	80	1,062	1,300	100	–	2,542	13.7
Complications of placenta, cord and membranes	P02	41	307	344	26	–	718	3.9
Fetus affected by noxious influences transmitted via placenta (or breast milk)	P04 (+)	–	4	–	1	–	5	0.0
Slow fetal growth/malnutrition/ small for dates	P05	56	516	535	37	–	1,144	6.2
Short gestation	P07.2–P07.3	155	1,166	1,267	117	–	2,705	14.6
Long gestation and high birth weight	P08	68	745	727	54	–	1,594	8.6
Birth trauma	P10–P15	2	24	30	–	–	56	0.3
Intrauterine hypoxia and birth asphyxia	P20–P21	521	4,438	4,249	264	–	9,472	51.1
Respiratory conditions of fetus and newborn	P22–P28	9	91	70	1	–	171	0.9
Cardiovascular disorders originating in perinatal period (excluding congenital malformations)	P29 (+)	–	3	6	–	–	9	0.0
Infections specific to the perinatal period	P35–P39	–	8	5	–	–	13	0.1
Fetal and neonatal hemorrhage	P50–P52, P54	–	13	14	1	–	28	0.2
Perinatal jaundice/other hematological disorders	P53, P55–P61	–	9	5	–	–	14	0.1
Perinatal endocrine and metabolic disturbances	P70–P74	1	3	3	1	–	8	0.0
Perinatal digestive system disorders	P75–P78	–	–	–	–	–	–	–
Integument and temperature regulation conditions	P80–P83	–	9	13	1	–	23	0.1
Other and ill-defined perinatal conditions	P90–P96	2	20	13	–	–	35	0.2
Total perinatal conditions	**P00–P96**	**936**	**8,422**	**8,584**	**605**	**–**	**18,547**	**100.0**
Live births with the above perinatal complications	**– Number**	**708**	**6,361**	**6,381**	**439**	**–**	**13,889**	
	– Percent(*)	**38.6**	**34.6**	**33.6**	**34.8**	**–**	**34.3**	

Note: Percent based upon perinatal complications. Percent(*) based upon live births for the maternal age group. (+) New category, no direct ICD-9 equivalent. Total perinatal complications based on the first five perinatal complication codes, which may include codes other than those shown here. Total percentage may not add up to 100 due to rounding.
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HIGHLIGHTS TO TABLE 19

- Perinatal complications were noted in 13,889 births or one in three (34.3%) live births in 2000.
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- Intrauterine hypoxia and birth asphyxia accounted for more than half (51.1%) of the perinatal complications noted in 2000. Complications of pregnancy, labour and delivery plus short gestation accounted for more than one out of four (28.3%) of the perinatal complications. Long gestation and high birth weight was noted as a perinatal complication in less than one in ten births (8.6%).

VITAL STATISTICS INFORMATION BOX

INFORMATION BOX FOR TABLE 19

PERINATAL COMPLICATIONS IN LIVE BIRTHS BY AGE OF MOTHER

BRITISH COLUMBIA, 1995–1999

Perinatal Complications	ICD-9 Code(s)	Age of Mother (in Years) <20	20–29	30–39	40+	N.S.	Total	Percent
Maternal conditions not related to pregnancy	760	2	4	6	1	–	13	0.0
Complications of pregnancy, labour and delivery	761, 763(+)	411	4,884	5,253	314	–	10,862	11.8
Complications of placenta, cord and membranes	762	139	1,353	1,587	112	2	3,193	3.5
Slow fetal growth/malnutrition/ small for dates	764	163	1,257	1,036	83	–	2,539	2.8
Short gestation	765	784	6,167	6,345	474	3	13,773	14.9
Long gestation and high birth weight	766 (++)	418	4,204	3,768	195	–	8,585	9.3
Birth trauma	767	29	244	185	6	–	464	0.5
Intrauterine hypoxia and birth asphyxia	768	2,949	24,899	21,849	1,207	5	50,909	55.2
Respiratory conditions of fetus and newborn	769–770	84	613	468	22	–	1,187	1.3
Infections specific to the perinatal period	771	12	54	39	2	–	107	0.1
Fetal and neonatal hemorrhage	772	3	48	57	2	–	110	0.1
Perinatal jaundice/other hematological disorders	773–774, 776	4	29	26	3	–	62	0.1
Perinatal endocrine and metabolic disturbances	775	–	21	19	–	–	40	0.0
Perinatal digestive system disorders	777	–	–	5	–	–	5	0.0
Integument and temperature regulation conditions	778	7	69	56	2	–	134	0.1
Other and ill-defined perinatal conditions	779	17	116	104	3	–	240	0.3
Fetus affected by noxious influences transmitted via placenta (or breast milk)	760.7–760.8 (+++)	2	7	6	2	–	17	0.0
Total perinatal conditions	**760–779**	**5,024**	**43,969**	**40,809**	**2,428**	**10**	**92,240**	**100.0**
Live births with the above	**– Number**	**3,977**	**34,748**	**31,690**	**1,825**	**6**	**72,246**	
perinatal complications	**– Percent(*)**	**36.0**	**32.5**	**32.2**	**34.7**	**–**	**32.6**	

Note: Percent based upon perinatal complications. Percent(*) based upon live births for the specified maternal age group.
(+) excludes 763.3 which is used only as a flag for vacuum extraction delivery.
(++) includes only 766.0 (where birth weight ≥ 4500 grams) and 766.2 (where gestational age > 41 weeks).
(+++) previously included in "Maternal conditions not related to pregnancy."
Total perinatal complications based on the first five complication codes, which may include codes other than those shown here.
Total percentage may not add up to 100 due to rounding.
N.S. – Not Stated. Non-residents are excluded.

PERINATAL COMPLICATIONS IN LIVE BIRTHS BY LOCAL HEALTH AREA

Local Health Area		1995–1999				2000				
		Observed Births	Ratio (p)	Percent	Total Live Births	Observed Births	Expected Births	Ratio (p)	Percent	Total Live Births
001	Fernie	229	0.95	31.0	738	52	44.3	1.17	40.3	129
002	Cranbrook	393	0.91	29.8	1,320	62	73.8	0.84	28.8	215
003	Kimberley	128	1.15	37.5	341	26	20.9	1.24	42.6	61
004	Windermere	139	1.05	34.1	408	25	25.7	0.97	33.3	75
005	Creston	250	1.20 *	39.1	640	48	46.3	1.04	35.6	135
006/007	Kootenay Lake/Nelson	517	1.20 *	39.0	1,324	104	87.2	1.19	40.9	254
009	Castlegar	222	1.07	35.0	635	34	31.6	1.08	37.0	92
010	Arrow Lakes	98	1.11	36.0	272	18	13.7	1.31	45.0	40
011	Trail	337	1.15 *	37.4	901	76	58.0	1.31 *	45.0	169
012/013	Grand Forks/Kettle Valley	156	0.96	31.3	499	25	28.1	0.89	30.5	82
014	Southern Okanagan	284	1.10	35.9	792	54	51.5	1.05	36.0	150
015	Penticton	629	1.07	34.8	1,810	137	110.9	1.24 *	42.4	323
016	Keremeos	84	1.05	34.1	246	6	14.1	0.43 *	14.6	41
017	Princeton	75	1.14	37.3	201	18	11.0	1.64	56.3	32
018	Golden	177	1.35 *	43.9	403	32	19.9	1.61 *	55.2	58
019	Revelstoke	128	0.83 *	27.1	472	25	27.1	0.92	31.6	79
020	Salmon Arm	404	0.96	31.1	1,297	83	73.1	1.14	39.0	213
021	Armstrong–Spallumcheen	141	0.95	31.1	453	26	25.7	1.01	34.7	75
022	Vernon	911	0.97	31.5	2,890	140	162.3	0.86	29.6	473
023	Central Okanagan	2,155	0.92 *	29.8	7,223	439	464.0	0.95	32.5	1,352
024	Kamloops	1,845	1.08 *	35.1	5,255	338	311.6	1.08	37.2	908
025	100 Mile House	281	1.16 *	37.7	745	57	43.6	1.31	44.9	127
026	North Thompson	99	1.04	33.8	293	13	15.4	0.84	28.9	45
027	Cariboo–Chilcotin	895	1.44 *	46.9	1,910	153	109.8	1.39 *	47.8	320
028	Quesnel	646	1.19 *	38.7	1,670	89	79.6	1.12	38.4	232
029	Lillooet	162	1.46 *	47.6	340	17	17.8	0.95	32.7	52
030	South Cariboo	164	1.22 *	39.8	412	17	18.5	0.92	31.5	54
031	Merritt	230	0.97	31.6	728	32	37.4	0.86	29.4	109
032	Hope	143	1.01	32.8	436	33	30.9	1.07	36.7	90
033	Chilliwack	1,558	1.09 *	35.5	4,385	293	260.2	1.13 *	38.7	758
034	Abbotsford	2,803	1.05 *	34.1	8,223	550	531.0	1.04	35.6	1,547
035	Langley	2,210	1.05 *	34.1	6,484	474	416.0	1.14 *	39.1	1,212
036	Surrey	6,825	0.83 *	27.1	25,147	1,380	1,615.9	0.85 *	29.3	4,708
037	Delta	1,612	0.88 *	28.6	5,631	286	332.9	0.86 *	29.5	970
038	Richmond	2,270	0.84 *	27.4	8,274	467	541.9	0.86 *	29.6	1,579
040	New Westminster	1,167	1.10 *	35.8	3,259	242	225.2	1.07	36.9	656
041	Burnaby	2.949	0.89 *	29.0	10,171	640	699.5	0.91 *	31.4	2.038
042	Maple Ridge	1,719	1.12 *	36.6	4.695	321	294.8	1.09	37.4	859
043	Coquitlam	4,041	1.09 *	35.6	11,351	847	739.3	1.15 *	39.3	2,154
044	North Vancouver	2,225	0.97	31.5	7,065	446	456.8	0.98	33.5	1,331
045	West Vancouver–Bowen Is.	511	1.00	32.4	1,575	100	105.4	0.95	32.6	307
046	Sunshine Coast	469	1.17 *	38.3	1,226	77	76.5	1.01	34.5	223
047	Powell River	337	1.11	36.0	935	78	58.7	1.33 *	45.6	171
048	Howe Sound	690	1.07	34.9	1,977	157	137.6	1.14	39.2	401
049	Bella Coola Valley	91	1.08	35.3	258	21	15.1	1.39	47.7	44
050	Queen Charlotte	139	1.10	35.9	387	26	25.1	1.04	35.6	73
051	Snow Country	21	0.87	28.4	74	3	3.4	0.87	30.0	10
052	Prince Rupert	410	0.90 *	29.3	1,401	68	72.8	0.93	32.1	212
053	Upper Skeena	172	1.25 *	40.9	421	25	24.0	1.04	35.7	70
054	Smithers	477	1.04	34.0	1,405	103	92.0	1.12	38.4	268
055/093	Burns Lake/Eutsuk	161	0.91	29.7	543	32	34.3	0.93	32.0	100
056	Nechako	535	1.17 *	38.2	1,399	82	75.2	1.09	37.4	219
057	Prince George	2,433	1.15 *	37.5	6,489	405	377.2	1.07	36.9	1,099
059	Peace River South	724	1.19 *	38.9	1,863	93	100.6	0.92	31.7	293
060	Peace River North	683	0.89 *	29.1	2,346	149	178.5	0.83 *	28.7	520
061	Greater Victoria	3,081	1.01	33.0	9,345	570	573.5	0.99	34.1	1,671
062	Sooke	1,073	1.07 *	34.8	3,083	181	193.2	0.94	32.1	563
063	Saanich	730	1.02	33.2	2,196	138	125.6	1.10	37.7	366
064	Gulf Islands	162	0.98	31.8	509	31	31.9	0.97	33.3	93
065	Cowichan	866	0.98	32.1	2,699	164	178.5	0.92	31.5	520
066	Lake Cowichan	112	1.07	34.9	321	30	20.9	1.43	49.2	61
067	Ladysmith	321	1.10	35.7	899	52	45.3	1.15	39.4	132
068	Nanaimo	1,923	1.29 *	42.0	4.583	371	251.2	1.48 *	50.7	732
069	Qualicum	561	1.22 *	39.8	1,409	105	76.5	1.37 *	47.1	223
070	Alberni	534	0.90 *	29.4	1,816	111	103.0	1.08	37.0	300
071	Courtenay	1,072	1.15 *	37.5	2,861	159	160.3	0.99	34.0	467
072/084	Campbell River/V.I. West	963	1.21 *	39.5	2,440	190	136.9	1.39 *	47.6	399
075	Mission	752	0.99	32.3	2.325	128	132.8	0.96	33.1	387
076	Agassiz–Harrison	141	1.07	35.0	403	31	28.8	1.08	36.9	84
077	Summerland	146	1.00	32.7	447	34	25.7	1.32	45.3	75
078	Enderby	115	0.86	28.0	410	25	20.9	1.19	41.0	61
080	Kitimat	302	1.23 *	40.0	755	38	42.6	0.89	30.6	124
081	Fort Nelson	136	0.74 *	24.0	567	15	27.1	0.55 *	19.0	79
083	Central Coast	60	1.31 *	42.9	140	8	7.6	1.06	36.4	22
085	Vancouver Island North	399	1.21 *	39.4	1,012	69	60.7	1.14	39.0	177
087/094	Stikine/Telegraph Creek	36	1.00	32.4	111	8	8.2	0.97	33.3	24
088	Terrace	529	1.00	32.5	1,629	115	98.8	1.16	39.9	288
092	Nisga'a	65	1.23	40.1	162	15	13.0	1.15	39.5	38
161	Vancouver City Centre	963	0.97	31.8	3,033	239	256.0	0.93	32.0	746
162	Vancouver Downtown E. Side	875	0.99	32.2	2,718	146	166.5	0.88	30.1	485
163	Vancouver North East	1,759	0.87 *	28.5	6,182	330	390.6	0.84 *	29.0	1,138
164	Vancouver West Side	1,518	0.96	31.2	4,871	323	348.7	0.93	31.8	1,016
165	Vancouver Midtown	1,845	0.96	31.3	5,892	330	384.1	0.86 *	29.5	1,119
166	Vancouver South	2,026	0.87 *	28.4	7,126	388	434.9	0.89 *	30.6	1,267
039	**VANCOUVER TOTAL**	**8,989**	**0.92 ***	**30.1**	**29,833**	**1,756**	**1,981.1**	**0.89 ***	**30.4**	**5,772**
	N.S	24	–	–	69	1	–	–	–	2
	PROVINCIAL TOTAL	**72,246**			**221,662**	**13,889**				**40,467**

Note: Observed births denotes live births with at least one perinatal complication code in ICD-9 (1995–1999) and ICD-10 (2000). *Statistical testing indicates that the observed number of births with perinatal complications is signficantly different from the expected ($p<0.05$, two tailed). Percent of observed births is based on total live births. Ratio – observed over the expected. LHA 039 Vancouver Total may include unspecified Vancouver addresses. N.S. – Not Stated. Non-residents are excluded.

PERINATAL COMPLICATIONS IN LIVE BIRTHS BY LOCAL HEALTH AREA

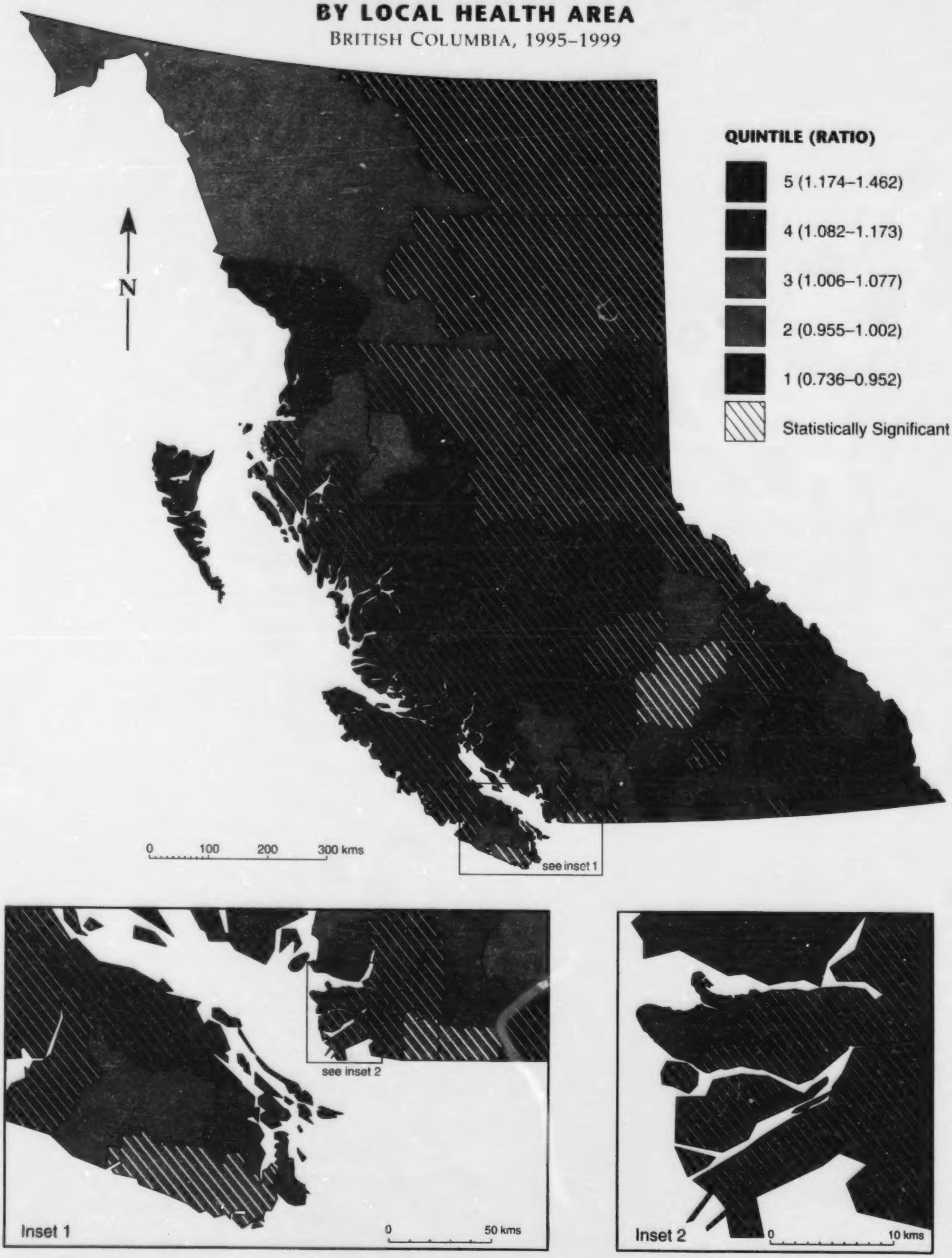
Local Health Area		1995–1999 Observed Births	1995–1999 Ratio (p)	1995–1999 Percent	1995–1999 Total Live Births	2000 Observed Births	2000 Expected Births	2000 Ratio (p)	2000 Percent	2000 Total Live Births
001	Fernie	229	0.95	31.0	738	52	44.3	1.17	40.3	129
002	Cranbrook	393	0.91	29.8	1,320	62	73.8	0.84	28.8	215
003	Kimberley	128	1.15	37.5	341	26	20.9	1.24	42.6	61
004	Windermere	139	1.05	34.1	408	25	25.7	0.97	33.3	75
005	Creston	250	1.20 *	39.1	640	48	46.3	1.04	35.6	135
006/007	Kootenay Lake/Nelson	517	1.20 *	39.0	1,324	104	87.2	1.19	40.9	254
009	Castlegar	222	1.07	35.0	635	34	31.6	1.08	37.0	92
010	Arrow Lakes	98	1.11	36.0	272	18	13.7	1.31	45.0	40
011	Trail	337	1.15 *	37.4	901	76	58.0	1.31 *	45.0	169
012/013	Grand Forks/Kettle Valley	156	0.96	31.3	499	25	28.1	0.89	30.5	82
014	Southern Okanagan	284	1.10	35.9	792	54	51.5	1.05	36.0	150
015	Penticton	629	1.07	34.8	1,810	137	110.9	1.24 *	42.4	323
016	Keremeos	84	1.05	34.1	246	6	14.1	0.43 *	14.6	41
017	Princeton	75	1.14	37.3	201	18	11.0	1.64	56.3	32
018	Golden	177	1.35 *	43.9	403	32	19.9	1.61 *	55.2	58
019	Revelstoke	128	0.83 *	27.1	472	25	27.1	0.92	31.6	79
020	Salmon Arm	404	0.96	31.1	1,297	83	73.1	1.14	39.0	213
021	Armstrong–Spallumcheen	141	0.95	31.1	453	26	25.7	1.01	34.7	75
022	Vernon	911	0.97	31.5	2,890	140	162.3	0.86	29.6	473
023	Central Okanagan	2,155	0.92 *	29.8	7,223	439	464.0	0.95	32.5	1,352
024	Kamloops	1,845	1.08 *	35.1	5,255	338	311.6	1.08	37.2	908
025	100 Mile House	281	1.16 *	37.7	745	57	43.6	1.31	44.9	127
026	North Thompson	99	1.04	33.8	293	13	15.4	0.84	28.9	45
027	Cariboo–Chilcotin	895	1.44 *	46.9	1,910	153	109.8	1.39 *	47.8	320
028	Quesnel	646	1.19 *	38.7	1,670	89	79.6	1.12	38.4	232
029	Lillooet	162	1.46 *	47.6	340	17	17.8	0.95	32.7	52
030	South Cariboo	164	1.22 *	39.8	412	17	18.5	0.92	31.5	54
031	Merritt	230	0.97	31.6	728	32	37.4	0.86	29.4	109
032	Hope	143	1.01	32.8	436	33	30.9	1.07	36.7	90
033	Chilliwack	1,558	1.09 *	35.5	4,385	293	260.2	1.13 *	38.7	758
034	Abbotsford	2,803	1.05 *	34.1	8,223	550	531.0	1.04	35.6	1,547
035	Langley	2,210	1.05 *	34.1	6,484	474	416.0	1.14 *	39.1	1,212
036	Surrey	6,825	0.83 *	27.1	25,147	1,380	1,615.9	0.85 *	29.3	4,708
037	Delta	1,612	0.88 *	28.6	5,631	286	332.9	0.86 *	29.5	970
038	Richmond	2,270	0.84 *	27.4	8,274	467	541.9	0.86 *	29.6	1,579
040	New Westminster	1,167	1.10 *	35.8	3,259	242	225.2	1.07	36.9	656
041	Burnaby	2,949	0.89 *	29.0	10,171	640	699.5	0.91 *	31.4	2,038
042	Maple Ridge	1,719	1.12 *	36.6	4,695	321	294.8	1.09	37.4	859
043	Coquitlam	4,041	1.09 *	35.6	11,351	847	739.3	1.15 *	39.3	2,154
044	North Vancouver	2,225	0.97	31.5	7,065	446	456.8	0.98	33.5	1,331
045	West Vancouver–Bowen Is.	511	1.00	32.4	1,575	100	105.4	0.95	32.6	307
046	Sunshine Coast	469	1.17 *	38.3	1,226	77	76.5	1.01	34.5	223
047	Powell River	337	1.11	36.0	935	78	58.7	1.33 *	45.6	171
048	Howe Sound	690	1.07	34.9	1,977	157	137.6	1.14	39.2	401
049	Bella Coola Valley	91	1.08	35.3	258	21	15.1	1.39	47.7	44
050	Queen Charlotte	139	1.10	35.9	387	26	25.1	1.04	35.6	73
051	Snow Country	21	0.87	28.4	74	3	3.4	0.87	30.0	10
052	Prince Rupert	410	0.90 *	29.3	1,401	68	72.8	0.93	32.1	212
053	Upper Skeena	172	1.25 *	40.9	421	25	24.0	1.04	35.7	70
054	Smithers	477	1.04	34.0	1,405	103	92.0	1.12	38.4	268
055/093	Burns Lake/Eutsuk	161	0.91	29.7	543	32	34.3	0.93	32.0	100
056	Nechako	535	1.17 *	38.2	1,399	82	75.2	1.09	37.4	219
057	Prince George	2,433	1.15 *	37.5	6,489	405	377.2	1.07	36.9	1,099
059	Peace River South	724	1.19 *	38.9	1,863	93	100.6	0.92	31.7	293
060	Peace River North	683	0.89 *	29.1	2,346	149	178.5	0.83 *	28.7	520
061	Greater Victoria	3,081	1.01	33.0	9,345	570	573.5	0.99	34.1	1,671
062	Sooke	1,073	1.07 *	34.8	3,083	181	193.2	0.94	32.1	563
063	Saanich	730	1.02	33.2	2,196	138	125.6	1.10	37.7	366
064	Gulf Islands	162	0.98	31.8	509	31	31.9	0.97	33.3	93
065	Cowichan	866	0.98	32.1	2,699	164	178.5	0.92	31.5	520
066	Lake Cowichan	112	1.07	34.9	321	30	20.9	1.43	49.2	61
067	Ladysmith	321	1.10	35.7	899	52	45.3	1.15	39.4	132
068	Nanaimo	1,923	1.29 *	42.0	4,583	371	251.2	1.48 *	50.7	732
069	Qualicum	561	1.22 *	39.8	1,409	105	76.5	1.37 *	47.1	223
070	Alberni	534	0.90 *	29.4	1,816	111	103.0	1.08	37.0	300
071	Courtenay	1,072	1.15 *	37.5	2,861	159	160.3	0.99	34.0	467
072/084	Campbell River/V.I. West	963	1.21 *	39.5	2,440	190	136.9	1.39 *	47.6	399
075	Mission	752	0.99	32.3	2,325	128	132.8	0.96	33.1	387
076	Agassiz–Harrison	141	1.07	35.0	403	31	28.8	1.08	36.9	84
077	Summerland	146	1.00	32.7	447	34	25.7	1.32	45.3	75
078	Enderby	115	0.86	28.0	410	25	20.9	1.19	41.0	61
080	Kitimat	302	1.23 *	40.0	755	38	42.6	0.89	30.6	124
081	Fort Nelson	136	0.74 *	24.0	567	15	27.1	0.55 *	19.0	79
083	Central Coast	60	1.31 *	42.9	140	8	7.6	1.06	36.4	22
085	Vancouver Island North	399	1.21 *	39.4	1,012	69	60.7	1.14	39.0	177
087/094	Stikine/Telegraph Creek	36	1.00	32.4	111	8	8.2	0.97	33.3	24
088	Terrace	529	1.00	32.5	1,629	115	98.8	1.16	39.9	288
092	Nisga'a	65	1.23	40.1	162	15	13.0	1.15	39.5	38
161	Vancouver City Centre	963	0.97	31.8	3,033	239	256.0	0.93	32.0	746
162	Vancouver Downtown E. Side	875	0.99	32.2	2,718	146	166.5	0.88	30.1	485
163	Vancouver North East	1,759	0.87 *	28.5	6,182	330	390.6	0.84 *	29.0	1,138
164	Vancouver West Side	1,518	0.96	31.2	4,871	323	348.7	0.93	31.8	1,016
165	Vancouver Midtown	1,845	0.96	31.3	5,892	330	384.1	0.86 *	29.5	1,119
166	Vancouver South	2,026	0.87 *	28.4	7,126	388	434.9	0.89 *	30.6	1,267
039	**VANCOUVER TOTAL**	**8,989**	**0.92** *	**30.1**	**29,833**	**1,756**	**1,981.1**	**0.89** *	**30.4**	**5,772**
	N.S	24	–	–	69	1	–	–	–	2
	PROVINCIAL TOTAL	**72,246**			**221,862**	**13,889**				**40,467**

Note: Observed births denotes live births with at least one perinatal complication code in ICD-9 (1995–1999) and ICD-10 (2000). *Statistical testing indicates that the observed number of births with perinatal complications is signficantly different from the expected (p<0.05, two tailed). Percent of observed births is based on total live births. Ratio – observed over the expected. LHA 039 Vancouver Total may include unspecified Vancouver addresses. N.S. – Not Stated. Non-residents are excluded.

FIGURE 14

PERINATAL COMPLICATIONS IN LIVE BIRTHS BY LOCAL HEALTH AREA

BRITISH COLUMBIA, 1995–1999


N
QUINTILE (RATIO)
5 (1.174–1.462)
4 (1.082–1.173)
3 (1.006–1.077)
2 (0.955–1.002)
1 (0.736–0.952)
Statistically Significant
0 100 200 300 kms
see inset 1
see inset 2
Inset 1
0 50 kms
Inset 2
0 10 kms

Note: Ratio – Observed over the expected. Refer to Figure 1 to clarify geographical location of Local Health Areas.

HIGHLIGHTS TO TABLE 20/FIGURE 14

- Of the 11 Local Health Areas (LHAs) with the statistically significant and high perinatal complication ratios in 2000 (number of births in parentheses), the five highest ratios were:

018	Golden	1.61	(32)
068	Nanaimo	1.48	(371)
072/084	Campbell River/V.I. West	1.39	(190)
027	Cariboo–Chilcotin	1.39	(153)
069	Qualicum	1.37	(105)

- All above LHAs also had statistically significant and high ratios for the 1995–1999.
- There were 10 LHAs with statistically significant and low perinatal complication ratios in 2000. The lowest five ratios (number of births in parentheses) were:

016	Keremeos	0.43	(6)
081	Fort Nelson	0.55	(15)
060	Peace River North	0.83	(149)
163	Vancouver North East	0.84	(330)
036	Surrey	0.85	(1,380)

- All of the above LHAs, with the exception of Keremeos, also had statistically significant and low ratios for 1995–1999.
- There were 29 LHAs with statistically significant and high perinatal complication ratios in 1995–1999. The five LHAs with the highest ratios that were statistically significant (number of births in parentheses) were:

029	Lillooet	1.46	(162)
027	Cariboo–Chilcotin	1.44	(895)
018	Golden	1.35	(177)
083	Central Coast	1.31	(60)
068	Nanaimo	1.29	(1,923)

- There were 12 LHAs with statistically significant and low perinatal complication ratios in 1995–1999. The six LHAs with the lowest ratios that were statistically significant (number of births in parentheses) were:

081	Fort Nelson	0.74	(136)
019	Revelstoke	0.83	(128)
036	Surrey	0.83	(6,825)
038	Richmond	0.84	(2,270)
166	Vancouver South	0.87	(2,026)
163	Vancouver North East	0.87	(1,759)

Death-related Statistics

Summary

Statistics arising from death events are presented in this section. Included are tables and figures containing information about deaths by age, gender and cause. Deaths are assigned to a Local Health Area (LHA) based on the usual residence of the decedent. Topics of particular interest are leading causes of death, infant mortality, alcohol-related, drug-induced and smoking-attributable causes, deaths from HIV disease, and deaths from accidents, and violence. Mortality statistics are provided in terms of Age Standardized Mortality Rates (ASMR), Standardized Mortality Ratios (SMR), Potential Years of Life Lost (PYLL), and Potential Years of Life Lost Standardized Rate (PYLLSR). Standardized measures are used to compare deaths in different geographical areas by age, gender and cause. In addition, maps are provided to geographically illustrate various patterns of mortality in British Columbia.

Statistics from deaths in 2000 are summarized below:

- There were 27,273 deaths in British Columbia in 2000, 556 fewer deaths than the 27,829 in 1999 (see Table 1). More than half of all deaths in 2000 (51.6%) were males (14,076 deaths), and 13,197 deaths were females. Over three quarters of all 2000 deaths were seniors (age 65 or older), and the oldest age group (80 years of age or more) accounted for more than four out of every ten deaths.
- The Age Standardized Mortality Rate (ASMR) for all causes of death in 2000 was 54.95 per 10,000 standard population. The 2000 ASMR for males was 67.72 and for females it was 44.69.
- Cancer (malignant neoplasms), cardiovascular disease and cerebrovascular disease, the top three causes of death, were responsible for over sixty percent of the deaths in the province in 2000. These causes were the leading causes of death for males, for females, and for both genders combined.
- Chronic lung disease was the fourth leading cause of death in 2000 for both genders combined (1,163 deaths) with an ASMR of 2.28 deaths per 10,000 standard population. Chronic lung disease was the fifth leading cause of death for males (after unintentional injury/accident) and also for females (after pneumonia/influenza).
- There were 148 infant deaths (under one year of age) and 279 stillbirths in 2000, a decrease from the 158 infant deaths and 294 stillbirths in 1999.
- The infant mortality rate for births with very low birth weight (less than 1,500 grams) was 254.02 per 1,000 live births or more than one in four. The infant mortality rate for the babies with a gestational age of 20–27 weeks at birth was 424.05 per 1,000 live births, which reflects the low birth weight and fragile health of these babies.
- There were 1,493 deaths from accidents and violence among B.C. residents. Suicides and motor vehicle accidents each accounted for almost a quarter of the deaths from accidents and violence. Accidental falls accounted for about a fifth and accidental poisoning accounted for about a sixth of deaths from external causes.
- Out of the 27,273 deaths in B.C. in 2000, 10,818 were under age 75. An average of 16.6 years of life were lost per death under 75 years of age.
- There were 1,689 alcohol-related deaths in 2000. About one half of all alcohol related deaths were seniors (aged 65+) and a third were aged 45–64.
- There were 5,514 deaths that were attributed to smoking.
- There were 303 deaths in the province from drug-induced causes.

TABLE 21

CAUSES OF DEATH BY GENDER AND AGE

BRITISH COLUMBIA, 2000

ICD-10 Code(s)	Causes of Death	Gender	Age Group (in Years)										Total		
			<1	1–4	5–9	10–14	15–19	20–24	25–44	45–64	65–79	80+	Number	Percent	ASMR
A00–B99	Infectious/parasitic diseases	M	–	1	–	–	1	1	71	75	57	43	249	1.8	1.14
		F	1	–	–	–	1	3	23	23	55	55	161	1.2	0.62
		T	1	1	–	–	2	4	94	98	112	98	410	1.5	0.87
C00–D48	Neoplasms	M	1	1	3	4	4	7	96	942	1,932	1,065	4,055	28.8	19.23
		F	2	1	1	4	7	3	158	908	1,460	1,104	3,648	27.6	13.79
		T	3	2	4	8	11	10	254	1,850	3,392	2,169	7,703	28.2	16.06
D50–D89	Diseases of blood and blood-forming organs, certain immune disorders	M	1	–	–	–	–	–	2	–	9	14	26	0.2	0.13
		F	–	–	–	–	–	–	–	4	14	22	40	0.3	0.13
		T	1	–	–	–	–	–	2	4	23	36	66	0.2	0.13
E00–E90	Endocrine/nutritional/metabolic diseases	M	–	–	1	–	–	3	16	81	188	160	449	3.2	2.15
		F	–	–	1	–	1	–	8	38	140	237	425	3.2	1.42
		T	–	–	2	–	1	3	24	119	328	397	874	3.2	1.75
F00–F99	Mental and behavioural disorders	M	–	–	–	–	–	–	15	50	64	138	267	1.9	1.28
		F	–	–	–	–	–	–	9	16	51	313	389	2.9	1.14
		T	–	–	–	–	–	–	24	66	115	451	656	2.4	1.23
G00–G99	Nervous system diseases	M	2	–	1	–	1	2	14	58	168	200	446	3.2	2.16
		F	1	1	2	1	3	–	11	41	185	319	564	4.3	1.88
		T	3	1	3	1	4	2	25	99	353	519	1,010	3.7	2.00
H00–H59	Eye and adnexa diseases	M	–	–	–	–	–	–	–	–	–	–	–	–	–
		F	–	–	–	–	–	–	–	–	–	–	–	–	–
		T	–	–	–	–	–	–	–	–	–	–	–	–	–
H60–H95	Ear and mastoid process diseases	M	–	–	–	–	–	–	–	–	–	1	1	–	+
		F	–	–	–	–	–	–	–	–	–	–	–	–	–
		T	–	–	–	–	–	–	–	–	–	1	1	–	+
I00–I99	Circulatory system diseases	M	2	–	–	–	5	2	72	620	1,830	2,245	4,776	33.9	23.07
		F	2	–	–	–	1	1	39	213	1,151	3,397	4,804	36.4	14.80
		T	4	–	–	–	6	3	111	833	2,981	5,642	9,580	35.1	18.48
J00–J99	Respiratory system diseases	M	–	–	–	–	–	1	9	87	495	790	1,382	9.8	6.75
		F	–	–	–	–	1	3	8	54	344	922	1,332	10.1	4.11
		T	–	–	–	–	1	4	17	141	839	1,712	2,714	10.0	5.17
K00–K93	Digestive system diseases	M	–	–	–	–	–	–	23	152	189	183	547	3.9	2.58
		F	1	–	–	2	–	–	16	83	160	279	541	4.1	1.84
		T	1	–	–	2	–	–	39	235	349	462	1,088	4.0	2.18
L00–L99	Skin and subcutaneous tissue diseases	M	–	–	–	–	–	–	–	3	1	12	16	0.1	0.08
		F	–	–	–	–	–	–	–	1	6	26	33	0.3	0.10
		T	–	–	–	–	–	–	–	4	7	38	49	0.2	0.09
M00–M99	Musculoskeletal system and connective tissue diseases	M	–	–	–	–	–	–	3	4	18	23	48	0.3	0.23
		F	–	–	–	–	1	2	3	12	44	79	141	1.1	0.48
		T	–	–	–	–	1	2	6	16	62	102	189	0.7	0.37
N00–N99	Genitourinary system diseases	M	–	–	–	–	–	–	5	18	74	136	233	1.7	1.13
		F	–	–	–	–	–	–	2	17	50	177	246	1.9	0.76
		T	–	–	–	–	–	–	7	35	124	313	479	1.8	0.91
O00–O99	Pregnancy, childbirth and the puerperium	M	–	–	–	–	–	–	–	–	–	–	–	–	–
		F	–	–	–	–	–	1	1	–	–	–	2	–	+
		T	–	–	–	–	–	1	1	–	–	–	2	–	+
P00–P96	Perinatal conditions	M	46	1	–	–	–	–	–	–	–	–	47	0.3	0.31
		F	34	–	–	–	–	–	–	–	–	–	34	0.3	0.24
		T	80	1	–	–	–	–	–	–	–	–	81	0.3	0.28
Q00–Q99	Congenital anomalies	M	17	7	1	4	2	1	10	3	3	3	51	0.4	0.29
		F	15	2	1	1	–	4	7	12	6	5	53	0.4	0.27
		T	32	9	2	5	2	5	17	15	9	8	104	0.4	0.28
R00–R99	Symptoms, signs and ill-defined conditions, unknown causes	M	16	2	–	1	17	29	138	139	75	58	475	3.4	2.28
		F	4	2	2	1	7	11	56	65	38	113	299	2.3	1.16
		T	20	4	2	2	24	40	194	204	113	171	774	2.8	1.72
V01–Y98	External causes	M	1	5	2	8	68	73	377	255	112	107	1,008	7.2	4.89
		F	2	2	4	7	26	19	103	89	74	159	485	3.7	1.95
		T	3	7	6	15	94	92	480	344	186	266	1,493	5.5	3.40
	All causes	**M**	**86**	**17**	**8**	**17**	**98**	**119**	**851**	**2,487**	**5,215**	**5,178**	**14,076**	**100.0**	**67.72**
		F	**62**	**8**	**11**	**16**	**48**	**47**	**444**	**1,576**	**3,778**	**7,207**	**13,197**	**100.0**	**44.69**
	PROVINCIAL TOTAL	**T**	**148**	**25**	**19**	**33**	**146**	**166**	**1,295**	**4,063**	**8,993**	**12,385**	**27,273**	**100.0**	**54.95**

Note: ASMR – Age Standardized Mortality Rate per 10,000 standard population (Canada 1991 Census). Total percentage may not add up to 100 due to rounding. + Denotes the number of cases is less than five. Non-residents and gender unknown are excluded. The output from ICD-10 mortality coding and underlying cause of death selection was modified in British Columbia to reflect the intent of certifiers in this jurisdiction and to provide greater continuity over time. Data using the standard ICD-10 rules for such categories as pneumonia/influenza, diabetes, or cancer should not be compared to the numbers shown above.

TABLE 21
CAUSES OF DEATH BY GENDER AND AGE
BRITISH COLUMBIA, 2000

ICD-10 Code(s)	Causes of Death	Gender	Age Group (in Years)										Total		
			<1	1–4	5–9	10–14	15–19	20–24	25–44	45–64	65–79	80+	Number	Percent	ASMR
A00–B99	Infectious/parasitic diseases	M	–	1	–	–	1	1	71	75	57	43	249	1.8	1.14
		F	1	–	–	–	1	3	23	23	55	55	161	1.2	0.62
		T	1	1	–	–	2	4	94	98	112	98	410	1.5	0.87
C00–D48	Neoplasms	M	1	1	3	4	4	7	96	942	1,932	1,065	4,055	28.8	19.23
		F	2	1	1	4	7	3	158	908	1,460	1,104	3,648	27.6	13.79
		T	3	2	4	8	11	10	254	1,850	3,392	2,169	7,703	28.2	16.06
D50–D89	Diseases of blood and blood-forming organs, certain immune disorders	M	1	–	–	–	–	–	2	–	9	14	26	0.2	0.13
		F	–	–	–	–	–	–	–	4	14	22	40	0.3	0.13
		T	1	–	–	–	–	–	2	4	23	36	66	0.2	0.13
E00–E90	Endocrine/nutritional/metabolic diseases	M	–	–	1	–	–	3	16	81	188	160	449	3.2	2.15
		F	–	–	1	–	1	–	8	38	140	237	425	3.2	1.42
		T	–	–	2	–	1	3	24	119	328	397	874	3.2	1.75
F00–F99	Mental and behavioural disorders	M	–	–	–	–	–	–	15	50	64	138	267	1.9	1.28
		F	–	–	–	–	–	–	9	16	51	313	389	2.9	1.14
		T	–	–	–	–	–	–	24	66	115	451	656	2.4	1.23
G00–G99	Nervous system diseases	M	2	–	1	–	1	2	14	58	168	200	446	3.2	2.16
		F	1	1	2	1	3	–	11	41	185	319	564	4.3	1.88
		T	3	1	3	1	4	2	25	99	353	519	1,010	3.7	2.00
H00–H59	Eye and adnexa diseases	M	–	–	–	–	–	–	–	–	–	–	–	–	–
		F	–	–	–	–	–	–	–	–	–	–	–	–	–
		T	–	–	–	–	–	–	–	–	–	–	–	–	–
H60–H95	Ear and mastoid process diseases	M	–	–	–	–	–	–	–	–	–	1	1	–	+
		F	–	–	–	–	–	–	–	–	–	–	–	–	–
		T	–	–	–	–	–	–	–	–	–	1	1	–	+
I00–I99	Circulatory system diseases	M	2	–	–	–	5	2	72	620	1,830	2,245	4,776	33.9	23.07
		F	2	–	–	–	1	1	39	213	1,151	3,397	4,804	36.4	14.80
		T	4	–	–	–	6	3	111	833	2,981	5,642	9,580	35.1	18.48
J00–J99	Respiratory system diseases	M	–	–	–	–	–	1	9	87	495	790	1,382	9.8	6.75
		F	–	–	–	–	1	3	8	54	344	922	1,332	10.1	4.11
		T	–	–	–	–	1	4	17	141	839	1,712	2,714	10.0	5.17
K00–K93	Digestive system diseases	M	–	–	–	–	–	–	23	152	189	183	547	3.9	2.58
		F	1	–	–	2	–	–	16	83	160	279	541	4.1	1.84
		T	1	–	–	2	–	–	39	235	349	462	1,088	4.0	2.18
L00–L99	Skin and subcutaneous tissue diseases	M	–	–	–	–	–	–	–	3	1	12	16	0.1	0.08
		F	–	–	–	–	–	–	–	1	6	26	33	0.3	0.10
		T	–	–	–	–	–	–	–	4	7	38	49	0.2	0.09
M00–M99	Musculoskeletal system and connective tissue diseases	M	–	–	–	–	–	–	3	4	18	23	48	0.3	0.23
		F	–	–	–	–	1	2	3	12	44	79	141	1.1	0.48
		T	–	–	–	–	1	2	6	16	62	102	189	0.7	0.37
N00–N99	Genitourinary system diseases	M	–	–	–	–	–	–	5	18	74	136	233	1.7	1.13
		F	–	–	–	–	–	–	2	17	50	177	246	1.9	0.76
		T	–	–	–	–	–	–	7	35	124	313	479	1.8	0.91
O00–O99	Pregnancy, childbirth and the puerperium	M	–	–	–	–	–	–	–	–	–	–	–	–	–
		F	–	–	–	–	–	1	1	–	–	–	2	–	+
		T	–	–	–	–	–	1	1	–	–	–	2	–	+
P00–P96	Perinatal conditions	M	46	1	–	–	–	–	–	–	–	–	47	0.3	0.31
		F	34	–	–	–	–	–	–	–	–	–	34	0.3	0.24
		T	80	1	–	–	–	–	–	–	–	–	81	0.3	0.28
Q00–Q99	Congenital anomalies	M	17	7	1	4	2	1	10	3	3	3	51	0.4	0.29
		F	15	2	1	1	–	4	7	12	6	5	53	0.4	0.27
		T	32	9	2	5	2	5	17	15	9	8	104	0.4	0.28
R00–R99	Symptoms, signs and ill-defined conditions, unknown causes	M	16	2	–	1	17	29	138	139	75	58	475	3.4	2.28
		F	4	2	2	1	7	11	56	65	38	113	299	2.3	1.16
		T	20	4	2	2	24	40	194	204	113	171	774	2.8	1.72
V01–Y98	External causes	M	1	5	2	8	68	73	377	255	112	107	1,008	7.2	4.89
		F	2	2	4	7	26	19	103	89	74	159	485	3.7	1.95
		T	3	7	6	15	94	92	480	344	186	266	1,493	5.5	3.40
	All causes	**M**	**86**	**17**	**8**	**17**	**98**	**119**	**851**	**2,487**	**5,215**	**5,178**	**14,076**	**100.0**	**67.72**
		F	**62**	**8**	**11**	**16**	**48**	**47**	**444**	**1,576**	**3,778**	**7,207**	**13,197**	**100.0**	**44.69**
	PROVINCIAL TOTAL	**T**	**148**	**25**	**19**	**33**	**146**	**166**	**1,295**	**4,063**	**8,993**	**12,385**	**27,273**	**100.0**	**54.95**

Note: ASMR – Age Standardized Mortality Rate per 10,000 standard population (Canada 1991 Census). Total percentage may not add up to 100 due to rounding. + Denotes the number of cases is less than five. Non-residents and gender unknown are excluded. The output from ICD-10 mortality coding and underlying cause of death selection was modified in British Columbia to reflect the intent of certifiers in this jurisdiction and to provide greater continuity over time. Data using the standard ICD-10 rules for such categories as pneumonia/influenza, diabetes, or cancer should not be compared to the numbers shown above.

HIGHLIGHTS TO TABLE 21

- There were 27,273 deaths in British Columbia in 2000, 556 fewer deaths than the 27,829 in 1999 (see Table 1). More than half of all deaths in 2000 (51.6%) were males (14,076 deaths), and 13,197 deaths were females. Over three quarters (78.4%) of all 2000 deaths were seniors (age 65 or older), and the oldest age group (80 years of age or more) accounted for more than four out of every ten deaths (45.4%).
- The Age Standardized Mortality Rate (ASMR) for all causes of death in 2000 was 54.95 per 10,000 standard population. The 2000 ASMR for males was 67.72 and for females it was 44.69.
- Circulatory system diseases were responsible for more than a third (35.1%) of all deaths in 2000 (9,580). It was the leading cause of death of the elderly aged 80 or older (5,642 deaths) who accounted for more than half (58.9%) of the deaths from this cause. The ASMR for circulatory system diseases was 18.48 per 10,000 standard population.
- More than one in four deaths (28.2%) in 2000 was due to neoplasms, including cancer and non-malignant neoplasms (7,703 deaths). The total ASMR for neoplasms was 16.06 per 10,000 standard population.
- In 2000, one in ten deaths (10.0%) was due to respiratory system diseases (2,714), and the ASMR for respiratory system diseases was 5.17 per 10,000 standard population. These deaths, including pneumonia/influenza and chronic lung disease, tend to occur in older age groups. In 2000, 94.0% of deaths from respiratory system diseases were seniors (age 65 and over).
- External causes of death, also referred to as accidents and violence, claimed 1,493 lives in 2000, of which almost seven out of every ten (67.5%) were males. External causes claimed many young lives, in contrast to the older age profile of deaths from natural causes. Unintentional injury/accident was the leading cause of death category in all age groups under 45 years of age except for infants (under one year of age) where the most common cause of death was perinatal conditions (see Table 23).

TABLE 22

TWELVE LEADING CAUSES OF DEATH[1] BY GENDER

BRITISH COLUMBIA, 2000

Cause of Death	ICD-10 Code(s)	Male				Female				Total			
		Number	Rank	ASMR	Rank	Number	Rank	ASMR	Rank	Number	Rank	ASMR	Rank
Cancer (malignant neoplasms)	C00–C97	3,953	1	18.74	1	3,554	1	13.46	1	7,507	1	15.66	1
Cardiovascular disease	I01–I51	3,562	2	17.17	2	3,265	2	10.05	2	6,827	2	13.21	2
Cerebrovascular disease	I60–I69	920	3	4.47	3	1,287	3	3.94	3	2,207	3	4.20	3
Chronic lung disease	J41–J44	650	5	3.16	5	513	5	1.69	5	1,163	4	2.28	5
Pneumonia/ influenza	J10–J18.1, J18.8–J18.9	520	6	2.56	6	616	4	1.78	4	1,136	5	2.09	6
Unintentional injury/accident	V01–X59, Y40–Y86, Y88	703	4	3.40	4	381	7	1.48	6	1,084	6	2.43	4
Digestive system (excludes liver disease)	K00–K67, K80–K93	310	8	1.51	8	405	6	1.28	7	715	7	1.38	7
Diabetes	E10–E14	362	7	1.73	7	327	9	1.10	8	689	8	1.38	8
Nervous system (excludes Alzheimer's disease)	G00–G26, G31–G99	307	9	1.48	9	243	12	0.92	11	550	9	1.15	9
Circulatory system (excludes cardio/ cerebrovascular diseases)	I00, I70–I99	294	10	1.43	10	252	11	0.80	12	546	10	1.07	10
Vascular/senile dementia	F01, F03	163	11	0.81	11	330	8	0.92	10	493	11	0.89	11
Alzheimer's disease	G30	139	12	0.68	12	321	10	0.96	9	460	12	0.85	12
Other causes[2]		2,193		10.57		1,703		6.31		3,896		8.35	
TOTAL (All causes of death)		**14,076**		**67.72**		**13,197**		**44.69**		**27,273**		**54.95**	

Note: [1] Leading causes of death relate to categories most often queried at the Vital Statistics Agency.

[2] Other causes includes undetermined and pending.

ASMR – Age Standardized Mortality Rate per 10,000 standard population (Canada 1991 Census).

The total number of deaths determined the order in which the causes of death are presented in the table.

Non-residents and gender unknown are excluded.

The output from ICD-10 mortality coding and underlying cause of death selection was modified in British Columbia to reflect the intent of certifiers in this jurisdiction and to provide greater continuity over time. Data using the standard ICD-10 rules for such categories as pneumonia/influenza, diabetes, or cancer should not be compared to the numbers shown above.

TABLE 22
TWELVE LEADING CAUSES OF DEATH[1] BY GENDER
BRITISH COLUMBIA, 2000

Cause of Death	ICD-10 Code(s)	Male				Female				Total			
		Number	Rank	ASMR	Rank	Number	Rank	ASMR	Rank	Number	Rank	ASMR	Rank
Cancer (malignant neoplasms)	C00–C97	3,953	1	18.74	1	3,554	1	13.46	1	7,507	1	15.66	1
Cardiovascular disease	I01–I51	3,562	2	17.17	2	3,265	2	10.05	2	6,827	2	13.21	2
Cerebrovascular disease	I60–I69	920	3	4.47	3	1,287	3	3.94	3	2,207	3	4.20	3
Chronic lung disease	J41–J44	650	5	3.16	5	513	5	1.69	5	1,163	4	2.28	5
Pneumonia/ influenza	J10–J18.1, J18.8–J18.9	520	6	2.56	6	616	4	1.78	4	1,136	5	2.09	6
Unintentional injury/accident	V01–X59, Y40–Y86, Y88	703	4	3.40	4	381	7	1.48	6	1,084	6	2.43	4
Digestive system (excludes liver disease)	K00–K67, K80–K93	310	8	1.51	8	405	6	1.28	7	715	7	1.38	7
Diabetes	E10–E14	362	7	1.73	7	327	9	1.10	8	689	8	1.38	8
Nervous system (excludes Alzheimer's disease)	G00–G26, G31–G99	307	9	1.48	9	243	12	0.92	11	550	9	1.15	9
Circulatory system (excludes cardio/ cerebrovascular diseases)	I00, I70–I99	294	10	1.43	10	252	11	0.80	12	546	10	1.07	10
Vascular/senile dementia	F01, F03	163	11	0.81	11	330	8	0.92	10	493	11	0.89	11
Alzheimer's disease	G30	139	12	0.68	12	321	10	0.96	9	460	12	0.85	12
Other causes[2]		2,193		10.57		1,703		6.31		3,896		8.35	
TOTAL (All causes of death)		**14,076**		**67.72**		**13,197**		**44.69**		**27,273**		**54.95**	

Note: [1] Leading causes of death relate to categories most often queried at the Vital Statistics Agency.

[2] Other causes includes undetermined and pending.

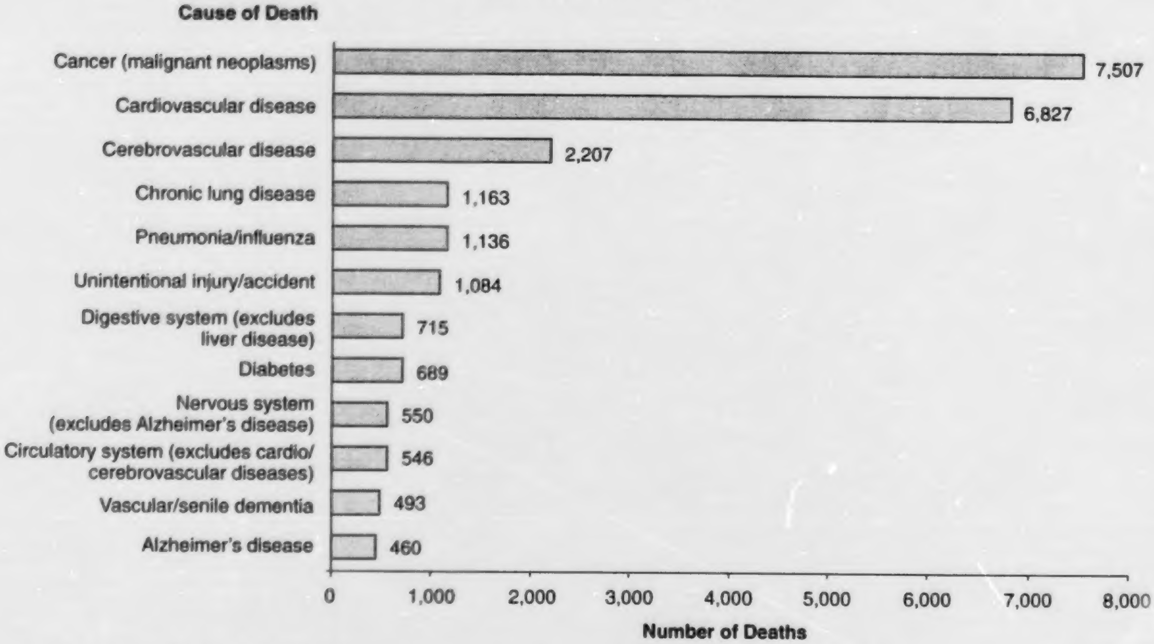
ASMR – Age Standardized Mortality Rate per 10,000 standard population (Canada 1991 Census).

The total number of deaths determined the order in which the causes of death are presented in the table.

Non-residents and gender unknown are excluded.

The output from ICD-10 mortality coding and underlying cause of death selection was modified in British Columbia to reflect the intent of certifiers in this jurisdiction and to provide greater continuity over time. Data using the standard ICD-10 rules for such categories as pneumonia/influenza, diabetes, or cancer should not be compared to the numbers shown above.

FIGURE 15
TWELVE LEADING CAUSES OF DEATH
BRITISH COLUMBIA, 2000



Note: Leading causes of death relate to categories most often queried at the Vital Statistics Agency.

HIGHLIGHTS TO TABLE 22/FIGURE 15

- The twelve leading causes of death for British Columbia, presented in this table, are based on the categories most frequently queried at the Vital Statistics Agency. The order of leading causes shown is based on the number of deaths.
- Cancer (malignant neoplasms), cardiovascular disease and cerebrovascular disease, the top three causes of death, were responsible for over sixty percent of the deaths in the province in 2000. These causes of death were the leading causes of death for males, for females, and for both genders combined.
- More than one in four deaths (27.5%) in the province in 2000 were due to cancer (7,507 deaths). The ASMR for cancer in 2000 was 15.66 deaths per 10,000 standard population.
- Cardiovascular disease was the second leading cause of death in 2000, accounting for one quarter (25.0%) of all deaths (6,827) with an ASMR of 13.21 deaths per 10,000 standard population.
- The third leading cause of death was cerebrovascular disease (2,207 deaths) causing one in twelve deaths (8.1%). The 2000 ASMR for cerebrovascular disease was 4.20 deaths per 10,000 standard population.
- Chronic lung disease was the fourth leading cause of death in 2000 for both genders combined (1,163 deaths) with an ASMR of 2.28 deaths per 10,000 standard population. Chronic lung disease was the fifth leading cause of death for males (after unintentional injury/accident) and also for females (after pneumonia/influenza).

TABLE 23

LEADING CAUSES OF DEATH BY AGE AND GENDER

BRITISH COLUMBIA, 2000

		Male		Female		Total	
Cause of Death	ICD-10 Code(s)	Number	Percent	Number	Percent	Number	Percent
Under 1 Year Old							
1. Perinatal conditions	P00–P96	46	53.5	34	54.8	80	54.1
2. Congenital anomalies	Q00–Q99	17	19.8	15	24.2	32	21.6
3. Sudden infant death syndrome (SIDS)	R95	7	8.1	2	25.0	9	6.1
4. Cardiovascular disease	I01–I51	2	2.3	2	3.2	4	2.7
5. Nervous system (excludes Alzheimer's disease)	G00–G26, G31–G99	2	2.3	1	1.6	3	2.0
Other causes[1]		12	14.0	8	12.9	20	13.5
All causes		86	100.0	62	100.0	148	100.0
1–14 Years Old							
1. Unintentional injury/ accident	V01–X59, Y40–Y86, Y88	13	31.0	8	22.9	21	27.3
2. Congenital anomalies	Q00–Q99	12	28.6	4	11.4	16	20.8
3. Cancer (malignant neoplasms)	C00–C97	8	19.0	6	17.1	14	18.2
4. Nervous system (excludes Alzheimer's disease)	G00–G26, G31–G99	1	2.4	4	11.4	5	6.5
5. Suicide	X60–X84, Y87.0	2	4.8	3	8.6	5	6.5
Other causes[1]		6	14.3	10	28.6	16	20.8
All causes		42	100.0	35	100.0	77	100.0
15–24 Years Old							
1. Unintentional injury/accident	V01–X59, Y40–Y86, Y88	92	42.4	35	36.8	127	40.7
2. Suicide	X60–X84, Y87.0	39	18.0	8	8.4	47	15.1
3. Cancer (malignant neoplasms)	C00–C97	11	5.1	10	10.5	21	6.7
4. Homicide	X85–Y09, Y87.1	10	4.6	2	2.1	12	3.8
5. Cardiovascular disease	I01–I51	6	2.8	1	1.1	7	2.2
Other causes[1]		59	27.2	39	41.1	98	31.4
All causes		217	100.0	95	100.0	312	100.0
25–44 Years Old							
1. Unintentional injury/accident	V01–X59, Y40–Y86, Y88	241	28.3	72	16.2	313	24.2
2. Cancer (malignant neoplasms)	C00–C97	91	10.7	153	34.5	244	18.8
3. Suicide	X60–X84, Y87.0	118	13.9	26	5.9	144	11.1
4. Infectious/parasitic diseases	A00–B99	71	8.3	23	5.2	94	7.3
5. Cardiovascular disease	I01–I51	63	7.4	24	5.4	87	6.7
Other causes[1]		267	31.4	146	32.9	413	31.9
All causes		851	100.0	444	100.0	1,295	100.0
45–64 Years Old							
1. Cancer (malignant neoplasms)	C00–C97	927	37.3	899	57.0	1,826	44.9
2. Cardiovascular disease	I01–I51	516	20.7	146	9.3	662	16.3
3. Unintentional injury/accident	V01–X59, Y40–Y86, Y88	175	7.0	50	3.2	225	5.5
4. Liver diseases	K70–K77	115	4.6	54	3.4	169	4.2
5. Cerebrovascular disease	I60–I69	73	2.9	55	3.5	128	3.2
Other causes[1]		681	27.4	372	23.6	1,053	25.9
All causes		2,487	100.0	1,576	100.0	4,063	100.0

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TABLE 23 – *concluded*

LEADING CAUSES OF DEATH BY AGE AND GENDER

BRITISH COLUMBIA, 2000

Cause of Death	ICD-10 Code(s)	Male		Female		Total	
		Number	Percent	Number	Percent	Number	Percent
65–84 Years Old							
1. Cancer (malignant neoplasms)	C00–C97	2,418	32.7	1,883	31.7	4,301	32.2
2. Cardiovascular disease	I01–I51	1,986	26.8	1,402	23.6	3,388	25.4
3. Cerebrovascular disease	I60–I69	563	7.6	576	9.7	1,139	8.5
4. Chronic lung disease	J41–J44	440	5.9	305	5.1	745	5.6
5. Pneumonia/influenza	J10–J18.1, J18.8–J18.9	241	3.3	193	3.2	434	3.3
Other causes[1]		1,757	23.7	1,589	26.7	3,346	25.1
All causes		7,405	100.0	5,948	100.0	13,353	100.0
85 Years and Older							
1. Cardiovascular disease	I01–I51	989	33.1	1,690	33.6	2,679	33.4
2. Cancer (malignant neoplasms)	C00–C97	497	16.6	603	12.0	1,100	13.7
3. Cerebrovascular disease	I60–I69	277	9.3	644	12.8	921	11.5
4. Pneumonia/influenza	J10–J18.1, J18.8–J18.9	247	8.3	400	7.9	647	8.1
5. Chronic lung disease	J41–J44	171	5.7	187	3.7	358	4.5
Other causes[1]		807	27.0	1,513	30.0	2,320	28.9
All causes		2,988	100.0	5,037	100.0	8,025	100.0

Note: [1] Other causes includes undetermined and pending.
Total percentage may not add up to 100 due to rounding.
Non-residents are excluded.
The output from ICD-10 mortality coding and underlying cause of death selection was modified in British Columbia to reflect the intent of certifiers in this jurisdiction and to provide greater continuity over time.
Data using the standard ICD-10 rules for such categories as pneumonia/influenza, diabetes, or cancer should not be compared to the numbers shown above.

HIGHLIGHTS TO TABLE 23

- There were 148 infant deaths (under one year of age) in 2000, a decrease from 158 deaths in 1999 (see Table 4). Perinatal conditions were the leading cause of infant deaths (80 deaths) and congenital anomalies were second leading cause of infant deaths (32). At the time this report was prepared, 9 deaths from Sudden Infant Death Syndrome (SIDS) were recorded for 2000.
- There were 77 deaths of children in the 1–14 age group in 2000. Unintentional injury/accident was the leading cause of death in this age group, with 21 deaths (13 boys and 8 girls or 61.9% males). Congenital anomalies, the second leading cause of death for this age group, claimed 16 young lives, three quarters of which were boys (12 deaths).
- Unintentional injury/accidents were responsible for 40.7% (127 deaths) of the 312 deaths in the 15–24 age group. Violence claimed almost one in five deaths (18.9%) in this age group; there were 47 suicides (the second leading cause of death) and 12 homicides (in fourth place).
- In the 25–44 age group, there were 1,295 deaths in 2000. For men in this age group, the leading cause of death was unintentional injury/accident (241 deaths), followed by suicide (118) and cancer (91). For women in this age group, cancer was the leading cause of death (153 deaths), followed by unintentional injury/accident (72 deaths).
- The leading causes of death in the 45–64 age group were cancer (1,826 deaths), cardiovascular disease (662), and unintentional injury/accidents (225). There were 2,487 male deaths and 1,576 female deaths in this age group. More than a third of the male deaths (37.3%) and more than half (57.0%) of female deaths in this age group were due to cancer (927 males and 899 female deaths).
- Cancer, cardiovascular disease, and cerebrovascular disease were the leading causes of death for both men and women in the 65–84 age group in 2000.
- The leading causes of death in the 85 and over age group were cardiovascular disease, cancer and cerebrovascular disease. Deaths from cardiovascular diseases (2,679) accounted for a third (33.4%) of the 8,025 deaths in this age group.

TABLE 23

LEADING CAUSES OF DEATH BY AGE AND GENDER

BRITISH COLUMBIA, 2000

Cause of Death	ICD-10 Code(s)	Male		Female		Total	
		Number	Percent	Number	Percent	Number	Percent
Under 1 Year Old							
1. Perinatal conditions	P00–P96	46	53.5	34	54.8	80	54.1
2. Congenital anomalies	Q00–Q99	17	19.8	15	24.2	32	21.6
3. Sudden infant death syndrome (SIDS)	R95	7	8.1	2	25.0	9	6.1
4. Cardiovascular disease	I01–I51	2	2.3	2	3.2	4	2.7
5. Nervous system (excludes Alzheimer's disease)	G00–G26, G31–G99	2	2.3	1	1.6	3	2.0
Other causes[1]		12	14.0	8	12.9	20	13.5
All causes		86	100.0	62	100.0	148	100.0
1–14 Years Old							
1. Unintentional injury/ accident	V01–X59, Y40–Y86, Y88	13	31.0	8	22.9	21	27.3
2. Congenital anomalies	Q00–Q99	12	28.6	4	11.4	16	20.8
3. Cancer (malignant neoplasms)	C00–C97	8	19.0	6	17.1	14	18.2
4. Nervous system (excludes Alzheimer's disease)	G00–G26, G31–G99	1	2.4	4	11.4	5	6.5
5. Suicide	X60–X84, Y87.0	2	4.8	3	8.6	5	6.5
Other causes[1]		6	14.3	10	28.6	16	20.8
All causes		42	100.0	35	100.0	77	100.0
15–24 Years Old							
1. Unintentional injury/accident	V01–X59, Y40–Y86, Y88	92	42.4	35	36.8	127	40.7
2. Suicide	X60–X84, Y87.0	39	18.0	8	8.4	47	15.1
3. Cancer (malignant neoplasms)	C00–C97	11	5.1	10	10.5	21	6.7
4. Homicide	X85–Y09, Y87.1	10	4.6	2	2.1	12	3.8
5. Cardiovascular disease	I01–I51	6	2.8	1	1.1	7	2.2
Other causes[1]		59	27.2	39	41.1	98	31.4
All causes		217	100.0	95	100.0	312	100.0
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1. Unintentional injury/accident	V01–X59, Y40–Y86, Y88	241	28.3	72	16.2	313	24.2
2. Cancer (malignant neoplasms)	C00–C97	91	10.7	153	34.5	244	18.8
3. Suicide	X60–X84, Y87.0	118	13.9	26	5.9	144	11.1
4. Infectious/parasitic diseases	A00–B99	71	8.3	23	5.2	94	7.3
5. Cardiovascular disease	I01–I51	63	7.4	24	5.4	87	6.7
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1. Cancer (malignant neoplasms)	C00–C97	927	37.3	899	57.0	1,826	44.9
2. Cardiovascular disease	I01–I51	516	20.7	146	9.3	662	16.3
3. Unintentional injury/accident	V01–X59, Y40–Y86, Y88	175	7.0	50	3.2	225	5.5
4. Liver diseases	K70–K77	115	4.6	54	3.4	169	4.2
5. Cerebrovascular disease	I60–I69	73	2.9	55	3.5	128	3.2
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(concluded on page 61)

TABLE 23 – *concluded*

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Other causes[1]		1,757	23.7	1,589	26.7	3,346	25.1
All causes		7,405	100.0	5,948	100.0	13,353	100.0
85 Years and Older							
1. Cardiovascular disease	I01–I51	989	33.1	1,690	33.6	2,679	33.4
2. Cancer (malignant neoplasms)	C00–C97	497	16.6	603	12.0	1,100	13.7
3. Cerebrovascular disease	I60–I69	277	9.3	644	12.8	921	11.5
4. Pneumonia/influenza	J10–J18.1, J18.8–J18.9	247	8.3	400	7.9	647	8.1
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Note: [1] Other causes includes undetermined and pending.
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HIGHLIGHTS TO TABLE 23

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- Unintentional injury/accidents were responsible for 40.7% (127 deaths) of the 312 deaths in the 15–24 age group. Violence claimed almost one in five deaths (18.9%) in this age group; there were 47 suicides (the second leading cause of death) and 12 homicides (in fourth place).
- In the 25–44 age group, there were 1,295 deaths in 2000. For men in this age group, the leading cause of death was unintentional injury/accident (241 deaths), followed by suicide (118) and cancer (91). For women in this age group, cancer was the leading cause of death (153 deaths), followed by unintentional injury/accident (72 deaths).
- The leading causes of death in the 45–64 age group were cancer (1,826 deaths), cardiovascular disease (662), and unintentional injury/accidents (225). There were 2,487 male deaths and 1,576 female deaths in this age group. More than a third of the male deaths (37.3%) and more than half (57.0%) of female deaths in this age group were due to cancer (927 males and 899 female deaths).
- Cancer, cardiovascular disease, and cerebrovascular disease were the leading causes of death for both men and women in the 65–84 age group in 2000.
- The leading causes of death in the 85 and over age group were cardiovascular disease, cancer and cerebrovascular disease. Deaths from cardiovascular diseases (2,679) accounted for a third (33.4%) of the 8,025 deaths in this age group.

VITAL STATISTICS INFORMATION BOX

LIST OF 113 SELECTED CAUSES OF DEATH BY GENDER

BRITISH COLUMBIA, 2000

Number	Cause of Death	ICD-10 Codes	Male	Female	Total
3	Certain other intestinal infections	A04, A07–A09	7	9	16
4	Respiratory tuberculosis	A16	4	2	6
5	Other tuberculosis	A17–A19	–	2	2
8	Meningococcal infection	A39	1	3	4
9	Septicemia	A40–A41	57	72	129
14	Viral hepatitis	B15–B19	44	12	56
15	Human immunodeficiency virus (HIV) disease	B20–B24	97	25	122
16	Malaria	B50–B54	1	–	1
17	Other and unspecified infectious and parasitic diseases and their sequelae[1]	A00, …, B55–B99	38	36	74
18	Malignant neoplasms of lip, oral cavity and pharynx	C00–C14	70	46	116
19	Malignant neoplasm of esophagus	C15	149	50	199
20	Malignant neoplasm of stomach	C16	139	86	225
21	Malignant neoplasms of colon, rectum and anus	C18–C21	388	352	740
22	Malignant neoplasms of liver and intrahepatic bile ducts	C22	111	61	172
23	Malignant neoplasm of pancreas	C25	202	215	417
24	Malignant neoplasm of larynx	C32	44	6	50
25	Malignant neoplasms of trachea, bronchus and lung	C33–C34	1,103	841	1,944
26	Malignant melanoma of skin	C43	60	40	100
27	Malignant neoplasm of breast	C50	2	544	546
28	Malignant neoplasm of cervix uteri	C53	–	50	50
29	Malignant neoplasms of corpus uteri and uterus, parts unspecified	C54–C55	–	69	69
30	Malignant neoplasm of ovary	C56	–	217	217
31	Malignant neoplasm of prostate	C61	472	–	472
32	Malignant neoplasms of kidney and renal pelvis	C64–C65	90	56	146
33	Malignant neoplasm of bladder	C67	124	55	179
34	Malignant neoplasms of meninges, brain and other parts of central nervous system	C70–C72	100	62	162
35	Hodgkin's disease	C81	9	5	14
36	Non-Hodgkin's lymphoma	C82–C85	182	148	330
37	Leukemia	C91–C95	156	89	245
38	Multiple myeloma and immunoproliferative neoplasms	C88, C90	76	65	141
39	Other and unspecified malignant neoplasms of lymphoid, hematopoietic and related tissue	C96	1	–	1
40	All other and unspecified malignant neoplasms[2]	C17, …, C97	475	492	967
41	In situ neoplasms, benign neoplasms and neoplasms of uncertain/ unknown behavior	D00–D48	102	94	196
42	Anemias	D50–D64	17	17	34
43	Diabetes mellitus	E10–E14	362	327	689
44	Malnutrition	E40–E46	9	18	27
45	Other nutritional deficiencies	E50–E64	2	4	6
46	Meningitis	G00, G03	3	5	8
47	Parkinson's disease	G20–G21	108	66	174
48	Alzheimer's disease	G30	139	321	460
49	Acute rheumatic fever and chronic rheumatic heart diseases	I00–I09	22	30	52
50	Hypertensive heart disease	I11	29	47	76
51	Hypertensive heart and renal disease	I13	4	9	13
52	Acute myocardial infarction	I21–I22	1,406	1,048	2,454
53	Other acute ischemic heart diseases	I24	16	17	33
54	Atherosclerotic cardiovascular disease, so described	I25.0	77	66	143
55	All other forms of chronic ischemic heart disease	I20, I25.1–I25.9	1,169	1,010	2,179
56	Acute and subacute endocarditis	I33	11	3	14
57	Diseases of pericardium and acute myocarditis	I30–I31, I40	5	5	10
58	Heart failure	I50	300	439	739
59	All other forms of heart disease	I26–I28, I34–I38, I42–I49, I51	485	513	998
60	Essential (primary) hypertension and hypertensive renal disease	I10, I12	38	78	116
61	Cerebrovascular diseases	I60–I69	920	1,287	2,207
62	Atherosclerosis	I70	61	69	130
63	Aortic aneurysm and dissection	I71	153	101	254
64	Other diseases of arteries, arterioles and capillaries	I72–I78	66	61	127
65	Other disorders of circulatory system	I80–I99	14	21	35

(concluded on page 63)

VITAL STATISTICS INFORMATION BOX

LIST OF 113 SELECTED CAUSES OF DEATH BY GENDER *(Concluded)*

BRITISH COLUMBIA, 2000

Number	Cause of Death	ICD-10 Codes	Male	Female	Total
66	Influenza	J10–J11	25	54	79
67	Pneumonia	J12–J18	498	570	1,068
68	Acute bronchitis and bronchiolitis	J20–J21	–	2	2
69	Unspecified acute lower respiratory infection	J22	4	6	10
70	Bronchitis, chronic and unspecified	J40–J42	12	13	25
71	Emphysema	J43	62	43	105
72	Asthma	J45–J46	18	29	47
73	Other chronic lower respiratory diseases	J44,J47	582	478	1,060
74	Pneumoconioses and chemical effects	J60–J66, J68	7	–	7
75	Pneumonitis due to solids and liquids	J69	38	32	70
76	Other diseases of respiratory system	J00–J06, J30–J39, J67, J70–J98	136	105	241
77	Peptic ulcer	K25–K28	37	37	74
78	Diseases of appendix	K35–K38	2	2	4
79	Hernia	K40–K46	19	17	36
80	Alcoholic liver disease	K70	128	51	179
81	Other chronic liver disease and cirrhosis	K73–K74	59	56	115
82	Cholelithiasis and other disorders of the gallbladder	K80–K82	18	17	35
83	Acute and rapidly progressive nephritic and nephrotic syndrome	N00–N01, N04	3	1	4
84	Chronic glomerulonephritis, nephritis and nephritis not specified as acute or chronic, and renal sclerosis unspecified	N02–N03, N05–N07, N26	3	5	8
85	Renal failure	N17–N19	154	148	302
87	Infections of kidney	N10–N12, N13.6, N15.1	4	7	11
88	Hyperplasia of prostate	N40	9	–	9
89	Inflammatory diseases of female pelvic organs	N70–N76	–	2	2
91	Other complications of pregnancy, childbirth and the puerperium	O10–O99	–	2	2
92	Certain conditions originating in the perinatal period	P00–P96	47	34	81
93	Congenital malformations, deformations and chromosomal abnormalities	Q00–Q99	51	53	104
94	Symptoms, signs and abnormal clinical and laboratory findings, not elsewhere classified*	R00–R99	476	304	780
95	All other diseases (Residual) [3]	D65–E07, ..., N80–N98	956	1,278	2,234
96	Motor vehicle accidents [4]	V02–V04, ..., V89.2	227	97	324
97	Other land transport accidents [5]	V01, ..., V89.9	12	7	19
98	Water, air and space, and other and unspecified transport accidents and their sequelae	V90–V99, Y85	28	7	35
99	Falls	W00–W19	123	151	274
100	Accidental discharge of firearms	W32–W34	5	–	5
101	Accidental drowning and submersion	W65–W74	32	9	41
102	Accidental exposure to smoke, fire and flames	X00–X09	16	10	26
103	Accidental poisoning and exposure to noxious substances	X40–X49	175	58	233
104	Other and unspecified nontransport accidents and their sequelae	W20–W31, W35–W64, W75–W99, X10–X39, X50–X59, Y86	77	38	115
105	Intentional self-harm (suicide) by discharge of firearms	X72–X74	64	3	67
106	Intentional self-harm (suicide) by other and unspecified means and their sequelae	X60–X71, X75–X84, Y87.0	198	79	277
107	Assault (homicide) by discharge of firearms	X93–X95	10	4	14
108	Assault (homicide) by other and unspecified means and their sequelae	X85–X92, X96–Y09, Y87.1	18	7	25
110	Discharge of firearms, undetermined intent	Y22–Y24	1	–	1
111	Other and unspecified events of undetermined intent and their sequelae	Y10–Y21, Y25–Y34, Y87.2, Y89.9	14	11	25
113	Complications of medical and surgical care	Y40–Y84, Y88	8	4	12
	All Causes of Death		**14,076**	**13,197**	**27,273**

Note: List of 113 causes of death from Statistics Canada, categories with no cases are excluded.
ICD-10 Codes included are:

[1] A00, A05, A20–A36, A42–A44, A48–A49, A54–A79, A81–A82, A85.0–A85.1, A85.8, A86–B04, B06–B09,B25–B49, B55–B99

[2] C17, C23–C24, C26–C31, C37–C41, C44–C49, C51–C52, C57–C60, C62–C63, C66, C68–C69, C73–C80, C97

[3] D65–E07, E15–E34, E65–F99, G04–G12, G23–G25, G31–H93, K00–K22, K29–K31, K50–K66, K71–K72, K75–K76, K83–M99, N13.0–N13.5, N13.7–N13.9, N14, N15.0, N15.8–N15.9, N20–N23, N28–N39, N41–N64, N80–N98,

[4] V02–V04, V09.0, V09.2, V12–V14, V19.0–V19.2, V19.4–V19.6, V20–V79, V80.3–V80.5, V81.0–V81.1, V82.0–V82.1, V83–V86, V87.0–V87.8, V88.0–V88.8, V89.0, V89.2

[5] V01, V05–V06, V09.1, V09.3–V09.9, V10–V11, V15–V18, V19.3, V19.8–V19.9, V80.0–V80.2, V80.6–V80.9, V81.2–V81.9, V82.2–V82.9, V87.9, V88.9, V89.1, V89.3, V89.9

* Includes undetermined and pending.

VITAL STATISTICS INFORMATION BOX

LIST OF 113 SELECTED CAUSES OF DEATH BY GENDER

BRITISH COLUMBIA, 2000

Number	Cause of Death	ICD-10 Codes	Male	Female	Total
3	Certain other intestinal infections	A04, A07–A09	7	9	16
4	Respiratory tuberculosis	A16	4	2	6
5	Other tuberculosis	A17–A19	–	2	2
8	Meningococcal infection	A39	1	3	4
9	Septicemia	A40–A41	57	72	129
14	Viral hepatitis	B15–B19	44	12	56
15	Human immunodeficiency virus (HIV) disease	B20–B24	97	25	122
16	Malaria	B50–B54	1	–	1
17	Other and unspecified infectious and parasitic diseases and their sequelae[1]	A00, ..., B55–B99	38	36	74
18	Malignant neoplasms of lip, oral cavity and pharynx	C00–C14	70	46	116
19	Malignant neoplasm of esophagus	C15	149	50	199
20	Malignant neoplasm of stomach	C16	139	86	225
21	Malignant neoplasms of colon, rectum and anus	C18–C21	388	352	740
22	Malignant neoplasms of liver and intrahepatic bile ducts	C22	111	61	172
23	Malignant neoplasm of pancreas	C25	202	215	417
24	Malignant neoplasm of larynx	C32	44	6	50
25	Malignant neoplasms of trachea, bronchus and lung	C33–C34	1,103	841	1,944
26	Malignant melanoma of skin	C43	60	40	100
27	Malignant neoplasm of breast	C50	2	544	546
28	Malignant neoplasm of cervix uteri	C53	–	50	50
29	Malignant neoplasms of corpus uteri and uterus, parts unspecified	C54–C55	–	69	69
30	Malignant neoplasm of ovary	C56	–	217	217
31	Malignant neoplasm of prostate	C61	472	–	472
32	Malignant neoplasms of kidney and renal pelvis	C64–C65	90	56	146
33	Malignant neoplasm of bladder	C67	124	55	179
34	Malignant neoplasms of meninges, brain and other parts of central nervous system	C70–C72	100	62	162
35	Hodgkin's disease	C81	9	5	14
36	Non-Hodgkin's lymphoma	C82–C85	182	148	330
37	Leukemia	C91–C95	156	89	245
38	Multiple myeloma and immunoproliferative neoplasms	C88, C90	76	65	141
39	Other and unspecified malignant neoplasms of lymphoid, hematopoietic and related tissue	C96	1	–	1
40	All other and unspecified malignant neoplasms[2]	C17, ..., C97	475	492	967
41	In situ neoplasms, benign neoplasms and neoplasms of uncertain/unknown behavior	D00–D48	102	94	196
42	Anemias	D50–D64	17	17	34
43	Diabetes mellitus	E10–E14	362	327	689
44	Malnutrition	E40–E46	9	18	27
45	Other nutritional deficiencies	E50–E64	2	4	6
46	Meningitis	G00, G03	3	5	8
47	Parkinson's disease	G20–G21	108	66	174
48	Alzheimer's disease	G30	139	321	460
49	Acute rheumatic fever and chronic rheumatic heart diseases	I00–I09	22	30	52
50	Hypertensive heart disease	I11	29	47	76
51	Hypertensive heart and renal disease	I13	4	9	13
52	Acute myocardial infarction	I21–I22	1,406	1,048	2,454
53	Other acute ischemic heart diseases	I24	16	17	33
54	Atherosclerotic cardiovascular disease, so described	I25.0	77	66	143
55	All other forms of chronic ischemic heart disease	I20, I25.1–I25.9	1,169	1,010	2,179
56	Acute and subacute endocarditis	I33	11	3	14
57	Diseases of pericardium and acute myocarditis	I30–I31, I40	5	5	10
58	Heart failure	I50	300	439	739
59	All other forms of heart disease	I26–I28, I34–I38, I42–I49, I51	485	513	998
60	Essential (primary) hypertension and hypertensive renal disease	I10, I12	38	78	116
61	Cerebrovascular diseases	I60–I69	920	1,287	2,207
62	Atherosclerosis	I70	61	69	130
63	Aortic aneurysm and dissection	I71	153	101	254
64	Other diseases of arteries, arterioles and capillaries	I72–I78	66	61	127
65	Other disorders of circulatory system	I80–I99	14	21	35

(concluded on page 63)

VITAL STATISTICS INFORMATION BOX

LIST OF 113 SELECTED CAUSES OF DEATH BY GENDER *(Concluded)*

BRITISH COLUMBIA, 2000

Number	Cause of Death	ICD-10 Codes	Male	Female	Total
66	Influenza	J10–J11	25	54	79
67	Pneumonia	J12–J18	498	570	1,068
68	Acute bronchitis and bronchiolitis	J20–J21	–	2	2
69	Unspecified acute lower respiratory infection	J22	4	6	10
70	Bronchitis, chronic and unspecified	J40–J42	12	13	25
71	Emphysema	J43	62	43	105
72	Asthma	J45–J46	18	29	47
73	Other chronic lower respiratory diseases	J44,J47	582	478	1,060
74	Pneumoconioses and chemical effects	J60–J66, J68	7	–	7
75	Pneumonitis due to solids and liquids	J69	38	32	70
76	Other diseases of respiratory system	J00–J06, J30–J39, J67, J70–J98	136	105	241
77	Peptic ulcer	K25–K28	37	37	74
78	Diseases of appendix	K35–K38	2	2	4
79	Hernia	K40–K46	19	17	36
80	Alcoholic liver disease	K70	128	51	179
81	Other chronic liver disease and cirrhosis	K73–K74	59	56	115
82	Cholelithiasis and other disorders of the gallbladder	K80–K82	18	17	35
83	Acute and rapidly progressive nephritic and nephrotic syndrome	N00–N01, N04	3	1	4
84	Chronic glomerulonephritis, nephritis and nephritis not specified as acute or chronic, and renal sclerosis unspecified	N02–N03, N05–N07, N26	3	5	8
85	Renal failure	N17–N19	154	148	302
87	Infections of kidney	N10–N12, N13.6, N15.1	4	7	11
88	Hyperplasia of prostate	N40	9	–	9
89	Inflammatory diseases of female pelvic organs	N70–N76	–	2	2
91	Other complications of pregnancy, childbirth and the puerperium	O10–O99	–	2	2
92	Certain conditions originating in the perinatal period	P00–P96	47	34	81
93	Congenital malformations, deformations and chromosomal abnormalities	Q00–Q99	51	53	104
94	Symptoms, signs and abnormal clinical and laboratory findings, not elsewhere classified*	R00–R99	476	304	780
95	All other diseases (Residual) [3]	D65–E07, ..., N80–N98	956	1,278	2,234
96	Motor vehicle accidents [4]	V02–V04, ..., V89.2	227	97	324
97	Other land transport accidents [5]	V01, ..., V89.9	12	7	19
98	Water, air and space, and other and unspecified transport accidents and their sequelae	V90–V99, Y85	28	7	35
99	Falls	W00–W19	123	151	274
100	Accidental discharge of firearms	W32–W34	5	–	5
101	Accidental drowning and submersion	W65–W74	32	9	41
102	Accidental exposure to smoke, fire and flames	X00–X09	16	10	26
103	Accidental poisoning and exposure to noxious substances	X40–X49	175	58	233
104	Other and unspecified nontransport accidents and their sequelae	W20–W31, W35–W64, W75–W99, X10–X39, X50–X59, Y86	77	38	115
105	Intentional self-harm (suicide) by discharge of firearms	X72–X74	64	3	67
106	Intentional self-harm (suicide) by other and unspecified means and their sequelae	X60–X71, X75–X84, Y87.0	198	79	277
107	Assault (homicide) by discharge of firearms	X93–X95	10	4	14
108	Assault (homicide) by other and unspecified means and their sequelae	X85–X92, X96–Y09, Y87.1	18	7	25
110	Discharge of firearms, undetermined intent	Y22–Y24	1	–	1
111	Other and unspecified events of undetermined intent and their sequelae	Y10–Y21, Y25–Y34, Y87.2, Y89.9	14	11	25
113	Complications of medical and surgical care	Y40–Y84, Y88	8	4	12
	All Causes of Death		**14,076**	**13,197**	**27,273**

Note: List of 113 causes of death from Statistics Canada, categories with no cases are excluded.
ICD-10 Codes included are:

[1] A00, A05, A20–A36, A42–A44, A48–A49, A54–A79, A81–A82, A85.0–A85.1, A85.8, A86–B04, B06–B09,B25–B49, B55–B99

[2] C17, C23–C24, C26–C31, C37–C41, C44–C49, C51–C52, C57–C60, C62–C63, C66, C68–C69, C73–C80, C97

[3] D65–E07, E15–E34, E65–F99, G04–G12, G23–G25, G31–H93, K00–K22, K29–K31, K50–K66, K71–K72, K75–K76, K83–M99, N13.0–N13.5, N13.7–N13.9, N14, N15.0, N15.8–N15.9, N20–N23, N28–N39, N41–N64, N80–N98,

[4] V02–V04, V09.0, V09.2, V12–V14, V19.0–V19.2, V19.4–V19.6, V20–V79, V80.3–V80.5, V81.0–V81.1, V82.0–V82.1, V83–V86, V87.0–V87.8, V88.0–V88.8, V89.0, V89.2

[5] V01, V05–V06, V09.1, V09.3–V09.9, V10–V11, V15–V18, V19.3, V19.8–V19.9, V80.0–V80.2, V80.6–V80.9, V81.2–V81.9, V82.2–V82.9, V87.9, V88.9, V89.1, V89.3, V89.9

* Includes undetermined and pending.

TABLE 24

INFANT MORTALITY BY AGE OF MOTHER AND BIRTH WEIGHT

BRITISH COLUMBIA, 2000

Age of Mother	Birth Weight (in Grams)				Total		
	<1500	1500–2499	2500+	N.S.	Number	Percent	Rate
<20	2	–	2	–	4	2.7	+
20–24	23	6	10	–	39	26.4	6.03
25–29	15	3	15	–	33	22.3	2.77
30–34	21	7	10	–	38	25.7	3.05
35–39	16	3	8	–	27	18.2	4.13
40+	2	2	2	–	6	4.1	4.76
N.S.	–	–	–	1	1	0.7	–
TOTAL	79	21	47	1	148	100.0	3.66
Percent	53.4	14.2	31.8	0.7	100.0		
Rate	254.02	11.89	1.22	–	3.66		

Note: Infant Mortality – Age at death less than one year.
Rate per 1,000 live births in the specified age or birth weight group.
+ Denotes the number of cases is less than five.
Total percentage may not add up to 100 due to rounding.
Non-residents and gender unknown are excluded.
N.S. – Not Stated.

HIGHLIGHTS TO TABLE 24

- There were 148 infant deaths (under one year of age) in 2000, for an infant mortality rate of 3.66 infant deaths per 1,000 live births.
- In 2000, the highest infant mortality rate shown in this table was 6.03 deaths per 1,000 live births for mothers aged 20–24 years of age. The rate for teenage mothers (age less than 20 years old) was not shown since there were less than five deaths in this group. The lowest rate was 2.77 for mothers aged 25–29, and the rates increased with increasing maternal age to 4.76 for mother aged 40 or older.
- Low birth weight (less than 2,500 grams) and very low birth weight (less than 1,500 grams) are risk factors for infant mortality. Two thirds (67.6%) of the infants who died in 2000 had low birth weight (100 infant deaths), and more than half (53.4%) had very low birth weight (79).
- For births with very low birth weight (less than 1,500 grams), the infant mortality rate was 254.02 per 1,000 live births or more than one in four. The mortality rate decreased significantly with increased birth weight; there were 11.89 infant deaths per 1,000 live births with birth weight between 1,500 and 2,499 grams, and only 1.22 infant deaths for every 1,000 live births with normal birth weight (2,500 grams or more).

TABLE 25

INFANT MORTALITY BY GESTATIONAL AGE AND BIRTH WEIGHT

BRITISH COLUMBIA, 2000

Gestational Age (in Weeks)	Birth Weight (in Grams)				Total		
	<1500	1500–2499	2500+	N.S.	Number	Percent	Rate
<20	1	–	–	–	1	0.7	+
20–27	66	1	–	–	67	45.3	424.05
28–36	11	15	4	–	30	20.3	11.12
37–41	1	5	42	–	48	32.4	1.29
42+	–	–	1	–	1	0.7	+
N.S.	–	–	–	1	1	0.7	–
TOTAL	**79**	**21**	**47**	**1**	**148**	**100.0**	**3.66**
Percent	**53.4**	**14.2**	**31.8**	**0.7**	**100.0**		
Rate	**254.02**	**11.89**	**1.22**	**–**	**3.66**		

Note: Infant Mortality – Age at death less than one year.
Rate per 1,000 live births in the specified age or birth weight group.
+ Denotes the number of cases is less than five.
Total percentage may not add up to 100 due to rounding.
Non-residents and gender unknown are excluded.
N.S. – Not Stated.

HIGHLIGHTS TO TABLE 25

- Prematurity (less than 37 weeks of gestation) and low birth weight (less than 2,500 grams at birth) are both important risk factors for infant mortality. About two thirds of infant deaths were premature (66.3%) or had low birth weight (67.6%), and 63.5% were both premature and low birth weight.
- In 2000, of the 148 infant deaths in the province, 48 were term (gestational age 37–41 weeks), one was post-term (42 weeks or more), 98 were premature (gestational age less than 37 weeks), and the gestational age of the remaining one was unknown. Among term babies, there were 1.29 infant deaths per 1,000 live births with normal gestational age. The infant mortality rate rose dramatically for premature infants; there were 11.12 infant deaths per 1,000 live births with a gestational age of 28 to 36 weeks, and 424.05 deaths per 1,000 live births with 20 to 27 weeks of gestation.
- Of the 98 infant deaths that were premature, 94 were also low birth weight babies, and 67 of these were both extremely premature (gestational age of less than 28 weeks at birth) and very low birth weight (less than 1,500 grams).

TABLE 24

INFANT MORTALITY BY AGE OF MOTHER AND BIRTH WEIGHT

BRITISH COLUMBIA, 2000

Age of Mother	Birth Weight (in Grams)				Total		
	<1500	1500–2499	2500+	N.S.	Number	Percent	Rate
<20	2	–	2	–	4	2.7	+
20–24	23	6	10	–	39	26.4	6.03
25–29	15	3	15	–	33	22.3	2.77
30–34	21	7	10	–	38	25.7	3.05
35–39	16	3	8	–	27	18.2	4.13
40+	2	2	2	–	6	4.1	4.76
N.S.	–	–	–	1	1	0.7	–
TOTAL	79	21	47	1	148	100.0	3.66
Percent	53.4	14.2	31.8	0.7	100.0		
Rate	254.02	11.89	1.22	–	3.66		

Note: Infant Mortality – Age at death less than one year.
Rate per 1,000 live births in the specified age or birth weight group.
+ Denotes the number of cases is less than five.
Total percentage may not add up to 100 due to rounding.
Non-residents and gender unknown are excluded.
N.S. – Not Stated.

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- There were 148 infant deaths (under one year of age) in 2000, for an infant mortality rate of 3.66 infant deaths per 1,000 live births.
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- Low birth weight (less than 2,500 grams) and very low birth weight (less than 1,500 grams) are risk factors for infant mortality. Two thirds (67.6%) of the infants who died in 2000 had low birth weight (100 infant deaths), and more than half (53.4%) had very low birth weight (79).
- For births with very low birth weight (less than 1,500 grams), the infant mortality rate was 254.02 per 1,000 live births or more than one in four. The mortality rate decreased significantly with increased birth weight; there were 11.89 infant deaths per 1,000 live births with birth weight between 1,500 and 2,499 grams, and only 1.22 infant deaths for every 1,000 live births with normal birth weight (2,500 grams or more).

TABLE 25

INFANT MORTALITY BY GESTATIONAL AGE AND BIRTH WEIGHT

BRITISH COLUMBIA, 2000

Gestational Age (in Weeks)	Birth Weight (in Grams)				Total		
	<1500	1500–2499	2500+	N.S.	Number	Percent	Rate
<20	1	–	–	–	1	0.7	+
20–27	66	1	–	–	67	45.3	424.05
28–36	11	15	4	–	30	20.3	11.12
37–41	1	5	42	–	48	32.4	1.29
42+	–	–	1	–	1	0.7	+
N.S.	–	–	–	1	1	0.7	–
TOTAL	**79**	**21**	**47**	**1**	**148**	**100.0**	**3.66**
Percent	**53.4**	**14.2**	**31.8**	**0.7**	**100.0**		
Rate	**254.02**	**11.89**	**1.22**	**–**	**3.66**		

Note: Infant Mortality – Age at death less than one year.
Rate per 1,000 live births in the specified age or birth weight group.
+ Denotes the number of cases is less than five.
Total percentage may not add up to 100 due to rounding.
Non-residents and gender unknown are excluded.
N.S. – Not Stated.

HIGHLIGHTS TO TABLE 25

- Prematurity (less than 37 weeks of gestation) and low birth weight (less than 2,500 grams at birth) are both important risk factors for infant mortality. About two thirds of infant deaths were premature (66.3%) or had low birth weight (67.6%), and 63.5% were both premature and low birth weight.
- In 2000, of the 148 infant deaths in the province, 48 were term (gestational age 37–41 weeks), one was post-term (42 weeks or more), 98 were premature (gestational age less than 37 weeks), and the gestational age of the remaining one was unknown. Among term babies, there were 1.29 infant deaths per 1,000 live births with normal gestational age. The infant mortality rate rose dramatically for premature infants; there were 11.12 infant deaths per 1,000 live births with a gestational age of 28 to 36 weeks, and 424.05 deaths per 1,000 live births with 20 to 27 weeks of gestation.
- Of the 98 infant deaths that were premature, 94 were also low birth weight babies, and 67 of these were both extremely premature (gestational age of less than 28 weeks at birth) and very low birth weight (less than 1,500 grams).

INFANT MORTALITY BY LOCAL HEALTH AREA

		1995–1999			2000				
		Observed Deaths	Ratio (p)	Rate	Age at Death (in Days)			Total	
Local Health Area					0–6	0–27	28–364	Number	Rate
001	Fernie	4	1.16	5.42	–	–	–	–	–
002	Cranbrook	4	0.65	3.03	2	2	–	2	9.30
003	Kimberley	1	0.63	2.93	–	–	–	–	–
004	Windermere	3	1.57	7.35	–	–	–	–	–
005	Creston	6	2.00	9.38	–	–	–	–	–
006/007	Kootenay Lake/Nelson	6	0.97	4.53	–	–	1	1	3.94
009	Castlegar	7	2.36	11.02	–	–	–	–	–
010	Arrow Lakes	1	0.79	3.68	–	1	–	1	25.00
011	Trail	4	0.95	4.44	1	1	–	1	5.92
012/013	Grand Forks/Kettle Valley	3	1.29	6.01	–	–	–	–	–
014	Southern Okanagan	4	1.08	5.05	–	–	–	–	–
015	Penticton	7	0.83	3.87	–	–	–	–	–
016	Keremeos	–	–	–	–	–	–	–	–
017	Princeton	4	4.25 +	19.90	–	–	–	–	–
018	Golden	1	0.53	2.48	–	–	–	–	–
019	Revelstoke	3	1.36	6.36	–	–	1	1	12.66
020	Salmon Arm	5	0.82	3.86	–	–	1	1	4.69
021	Armstrong–Spallumcheen	2	0.94	4.42	–	–	–	–	–
022	Vernon	9	0.67	3.11	–	1	1	2	4.23
023	Central Okanagan	34	1.01	4.71	2	3	–	3	2.22
024	Kamloops	23	0.94	4.38	2	2	–	2	2.20
025	100 Mile House	3	0.86	4.03	1	2	–	2	15.75
026	North Thompson	2	1.46	6.83	–	–	1	1	22.22
027	Cariboo–Chilcotin	9	1.01	4.71	–	–	–	–	–
028	Quesnel	11	1.41	6.59	1	1	–	1	4.31
029	Lillooet	1	0.63	2.94	–	–	–	–	–
030	South Cariboo	4	2.08	9.71	–	–	–	–	–
031	Merritt	4	1.17	5.49	–	–	–	–	–
032	Hope	4	1.96	9.17	–	–	1	1	11.11
033	Chilliwack	27	1.32	6.16	1	1	1	2	2.64
034	Abbotsford	31	0.81	3.77	1	1	–	1	0.65
035	Langley	26	0.86	4.01	3	4	–	4	3.30
036	Surrey	116	0.99	4.61	12	17	9	26	5.52
037	Delta	26	0.99	4.62	–	–	1	1	1.03
038	Richmond	39	1.01	4.71	7	7	2	9	5.70
040	New Westminster	17	1.12	5.22	–	–	1	1	1.52
041	Burnaby	46	0.97	4.52	5	6	1	7	3.43
042	Maple Ridge	24	1.09	5.11	–	1	1	2	2.33
043	Coquitlam	41	0.77	3.61	3	3	1	4	1.86
044	North Vancouver	22	0.67	3.11	2	2	2	4	3.01
045	West Vancouver–Bowen Is.	3	0.41	1.90	–	–	1	1	3.26
046	Sunshine Coast	4	0.70	3.26	–	–	–	–	–
047	Powell River	8	1.83	8.56	–	–	–	–	–
048	Howe Sound	5	0.54	2.53	–	–	–	–	–
049	Bella Coola Valley	3	2.49	11.63	1	1	–	1	22.73
050	Queen Charlotte	3	1.66	7.75	1	1	–	1	13.70
051	Snow Country	2	5.78	27.03	–	–	–	–	–
052	Prince Rupert	7	1.07	5.00	–	–	–	–	–
053	Upper Skeena	4	2.03	9.50	–	–	–	–	–
054	Smithers	8	1.22	5.69	2	3	–	3	11.19
055/093	Burns Lake/Eutsuk	6	2.36	11.05	–	–	1	1	10.00
056	Nechako	7	1.07	5.00	–	–	1	1	4.57
057	Prince George	40	1.32	6.16	–	–	2	2	1.82
059	Peace River South	5	0.57	2.68	3	3	–	3	10.24
060	Peace River North	5	0.46	2.13	–	–	1	1	1.92
061	Greater Victoria	46	1.05	4.92	2	2	2	4	2.39
062	Sooke	14	0.97	4.54	1	2	–	2	3.55
063	Saanich	7	0.68	3.19	1	1	–	1	2.73
064	Gulf Islands	–	–	–	–	2	–	2	21.51
065	Cowichan	15	1.19	5.56	1	1	1	2	3.85
066	Lake Cowichan	1	0.67	3.12	–	–	1	1	16.39
067	Ladysmith	–	–	–	–	–	–	–	–
068	Nanaimo	21	0.98	4.58	2	2	1	3	4.10
069	Qualicum	6	0.91	4.26	–	–	1	1	4.48
070	Alberni	12	1.41	6.61	2	2	1	3	10.00
071	Courtenay	17	1.27	5.94	1	1	–	1	2.14
072/084	Campbell River/V.I. West	14	1.23	5.74	–	–	–	–	–
075	Mission	8	0.74	3.44	1	1	–	1	2.58
076	Agassiz–Harrison	3	1.59	7.44	–	–	–	–	–
077	Summerland	2	0.96	4.47	–	–	–	–	–
078	Enderby	4	2.09	9.76	–	1	1	2	32.79
080	Kitimat	4	1.13	5.30	–	–	–	–	–
081	Fort Nelson	4	1.51	7.05	–	–	1	1	12.66
083	Central Coast	2	3.05	14.29	1	1	–	1	45.45
085	Vancouver Island North	9	1.90	8.89	1	2	–	2	11.30
087/094	Stikine/Telegraph Creek	–	–	–	–	–	–	–	–
088	Terrace	7	0.92	4.30	1	1	1	2	6.94
092	Nisga'a	1	1.32	6.17	1	1	–	1	26.32
161	Vancouver City Centre	6	0.42 *	1.98	1	1	2	3	4.02
162	Vancouver Downtown E. Side	16	1.26	5.89	4	6	–	6	12.37
163	Vancouver North East	37	1.28	5.99	4	4	1	5	4.39
164	Vancouver West Side	10	0.44 *	2.05	4	4	–	4	3.94
165	Vancouver Midtown	44	1.60 *	7.47	2	2	–	2	1.79
166	Vancouver South	33	0.99	4.63	2	4	–	4	3.16
039	**VANCOUVER TOTAL**	**146**	**1.05**	**4.89**	**17**	**21**	**3**	**24**	**4.16**
	N.S.	–	–	–	–	–	–	–	–
	PROVINCIAL TOTAL	**1,037**	**1.00**	**4.68**	**82**	**104**	**44**	**148**	**3.66**

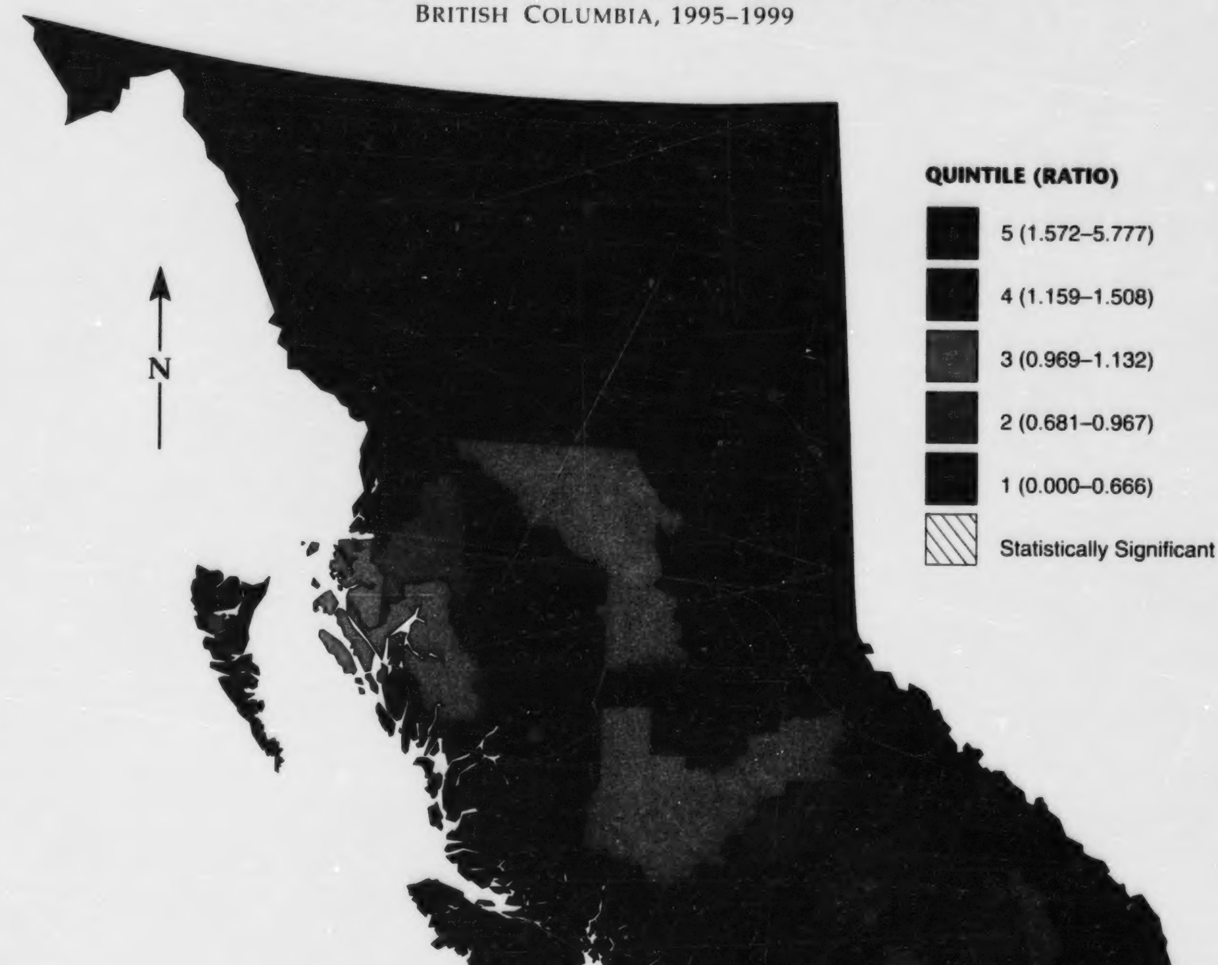
Note: *Statistical testing indicates that observed deaths are signficantly different from the expected deaths ($p<0.05$, two tailed). +Denotes significance based on less than five deaths. Rate per 1,000 live births in the specified Local Health Area. Ratio – observed over the expected deaths. LHA 039 Vancouver Total may include unspecified Vancouver addresses. Infant deaths with gender unknown are included. N.S. – Not Stated. Non-residents are excluded.

INFANT MORTALITY BY LOCAL HEALTH AREA

Local Health Area		1995–1999			2000				
		Observed Deaths	Ratio (p)	Rate	Age at Death (in Days)			Total	
					0–6	0–27	28–364	Number	Rate
001	Fernie	4	1.16	5.42	–	–	–	–	–
002	Cranbrook	4	0.65	3.03	2	2	–	2	9.30
003	Kimberley	1	0.63	2.93	–	–	–	–	–
004	Windermere	3	1.57	7.35	–	–	–	–	–
005	Creston	6	2.00	9.38	–	–	–	–	–
006/007	Kootenay Lake/Nelson	6	0.97	4.53	–	–	1	1	3.94
009	Castlegar	7	2.36	11.02	–	–	–	–	–
010	Arrow Lakes	1	0.79	3.68	–	1	–	1	25.00
011	Trail	4	0.95	4.44	1	1	–	1	5.92
012/013	Grand Forks/Kettle Valley	3	1.29	6.01	–	–	–	–	–
014	Southern Okanagan	4	1.08	5.05	–	–	–	–	–
015	Penticton	7	0.83	3.87	–	–	–	–	–
016	Keremeos	–	–	–	–	–	–	–	–
017	Princeton	4	4.25 +	19.90	–	–	–	–	–
018	Golden	1	0.53	2.48	–	–	–	–	–
019	Revelstoke	3	1.36	6.36	–	–	1	1	12.66
020	Salmon Arm	5	0.82	3.86	–	–	1	1	4.69
021	Armstrong–Spallumcheen	2	0.94	4.42	–	–	–	–	–
022	Vernon	9	0.67	3.11	–	1	1	2	4.23
023	Central Okanagan	34	1.01	4.71	2	3	–	3	2.22
024	Kamloops	23	0.94	4.38	2	2	–	2	2.20
025	100 Mile House	3	0.86	4.03	1	2	–	2	15.75
026	North Thompson	2	1.46	6.83	–	–	1	1	22.22
027	Cariboo–Chilcotin	9	1.01	4.71	–	–	–	–	–
028	Quesnel	11	1.41	6.59	1	1	–	1	4.31
029	Lillooet	1	0.63	2.94	–	–	–	–	–
030	South Cariboo	4	2.08	9.71	–	–	–	–	–
031	Merritt	4	1.17	5.49	–	–	–	–	–
032	Hope	4	1.96	9.17	–	–	1	1	11.11
033	Chilliwack	27	1.32	6.16	1	1	1	2	2.64
034	Abbotsford	31	0.81	3.77	1	1	–	1	0.65
035	Langley	26	0.86	4.01	3	4	–	4	3.30
036	Surrey	116	0.99	4.61	12	17	9	26	5.52
037	Delta	26	0.99	4.62	–	–	1	1	1.03
038	Richmond	39	1.01	4.71	7	7	2	9	5.70
040	New Westminster	17	1.12	5.22	–	–	1	1	1.52
041	Burnaby	46	0.97	4.52	5	6	1	7	3.43
042	Maple Ridge	24	1.09	5.11	–	1	1	2	2.33
043	Coquitlam	41	0.77	3.61	3	3	1	4	1.86
044	North Vancouver	22	0.67	3.11	2	2	2	4	3.01
045	West Vancouver–Bowen Is.	3	0.41	1.90	–	–	1	1	3.26
046	Sunshine Coast	4	0.70	3.26	–	–	–	–	–
047	Powell River	8	1.83	8.56	–	–	–	–	–
048	Howe Sound	5	0.54	2.53	–	–	–	–	–
049	Bella Coola Valley	3	2.49	11.63	1	1	–	1	22.73
050	Queen Charlotte	3	1.66	7.75	1	1	–	1	13.70
051	Snow Country	2	5.78	27.03	–	–	–	–	–
052	Prince Rupert	7	1.07	5.00	–	–	–	–	–
053	Upper Skeena	4	2.03	9.50	–	–	–	–	–
054	Smithers	8	1.22	5.69	2	3	–	3	11.19
055/093	Burns Lake/Eutsuk	6	2.36	11.05	–	–	1	1	10.00
056	Nechako	7	1.07	5.00	–	–	1	1	4.57
057	Prince George	40	1.32	6.16	–	–	2	2	1.82
059	Peace River South	5	0.57	2.68	3	3	–	3	10.24
060	Peace River North	5	0.46	2.13	–	–	1	1	1.92
061	Greater Victoria	46	1.05	4.92	2	2	2	4	2.39
062	Sooke	14	0.97	4.54	1	2	–	2	3.55
063	Saanich	7	0.68	3.19	1	1	–	1	2.73
064	Gulf Islands	–	–	–	–	2	–	2	21.51
065	Cowichan	15	1.19	5.56	1	1	1	2	3.85
066	Lake Cowichan	1	0.67	3.12	–	–	1	1	16.39
067	Ladysmith	–	–	–	–	–	–	–	–
068	Nanaimo	21	0.98	4.58	2	2	1	3	4.10
069	Qualicum	6	0.91	4.26	–	–	1	1	4.48
070	Alberni	12	1.41	6.61	2	2	1	3	10.00
071	Courtenay	17	1.27	5.94	1	1	–	1	2.14
072/084	Campbell River/V.I. West	14	1.23	5.74	–	–	–	–	–
075	Mission	8	0.74	3.44	1	1	–	1	2.58
076	Agassiz–Harrison	3	1.59	7.44	–	–	–	–	–
077	Summerland	2	0.96	4.47	–	–	–	–	–
078	Enderby	4	2.09	9.76	–	1	1	2	32.79
080	Kitimat	4	1.13	5.30	–	–	–	–	–
081	Fort Nelson	4	1.51	7.05	–	–	1	1	12.66
083	Central Coast	2	3.05	14.29	1	1	–	1	45.45
085	Vancouver Island North	9	1.90	8.89	1	2	–	2	11.30
087/094	Stikine/Telegraph Creek	–	–	–	–	–	–	–	–
088	Terrace	7	0.92	4.30	1	1	1	2	6.94
092	Nisga'a	1	1.32	6.17	1	1	–	1	26.32
161	Vancouver City Centre	6	0.42 *	1.98	1	1	2	3	4.02
162	Vancouver Downtown E. Side	16	1.26	5.89	4	6	–	6	12.37
163	Vancouver North East	37	1.28	5.99	4	4	1	5	4.39
164	Vancouver West Side	10	0.44 *	2.05	4	4	–	4	3.94
165	Vancouver Midtown	44	1.60 *	7.47	2	2	–	2	1.79
166	Vancouver South	33	0.99	4.63	2	4	–	4	3.16
039	**VANCOUVER TOTAL**	**146**	**1.05**	**4.89**	**17**	**21**	**3**	**24**	**4.16**
	N.S.	–	–	–	–	–	–	–	–
	PROVINCIAL TOTAL	**1,037**	**1.00**	**4.68**	**82**	**104**	**44**	**148**	**3.66**

Note: *Statistical testing indicates that observed deaths are signficantly different from the expected deaths ($p<0.05$, two tailed). +Denotes significance based on less than five deaths. Rate per 1,000 live births in the specified Local Health Area. Ratio – observed over the expected deaths. LHA 039 Vancouver Total may include unspecified Vancouver addresses. Infant deaths with gender unknown are included. N.S. – Not Stated. Non-residents are excluded.

FIGURE 16
INFANT MORTALITY BY LOCAL HEALTH AREA
BRITISH COLUMBIA, 1995–1999


N
QUINTILE (RATIO)
5 (1.572–5.777)
4 (1.159–1.508)
3 (0.969–1.132)
2 (0.681–0.967)
1 (0.000–0.666)
Statistically Significant
0 100 200 300 kms
see inset 1
see inset 2
Inset 1
0 50 kms
Inset 2
0 10 kms

Note: Ratio – Observed over the expected. Refer to Figure 1 to clarify geographical location of Local Health Areas.

HIGHLIGHTS TO TABLE 26/FIGURE 16

- There were 3.66 infant deaths per 1,000 live births in 2000. This infant mortality rate was well below the rate for the 1995–1999 period (4.68).
- Only five Local Health Areas (LHAs) had five or more infant deaths in 2000, and 28 LHAs had no infant deaths in 2000. The highest infant mortality rate in 2000 (based on five or more infant deaths) was 12.37 in Vancouver Downtown E. Side LHA (6 infant deaths), and the lowest was 3.43 in Burnaby LHA (7 infant deaths).
- There was only one LHA with infant mortality ratio that was statistically significant and high in 1995–1999, based on at least five deaths (with number of deaths in parentheses, and rate):

165	Vancouver Midtown	1.60	(44)	7.47

- The only two LHAs with infant mortality ratios that were statistically significant and low in 1995–1999 (with number of deaths in parentheses, and rates) were:

161	Vancouver City Centre	0.42	(6)	1.98
164	Vancouver West Side	0.44	(10)	2.05

- Four LHAs had no infant deaths in 1995–1999.

VITAL STATISTICS INFORMATION BOX

FIRE DEATHS IN BRITISH COLUMBIA, 1986–1998

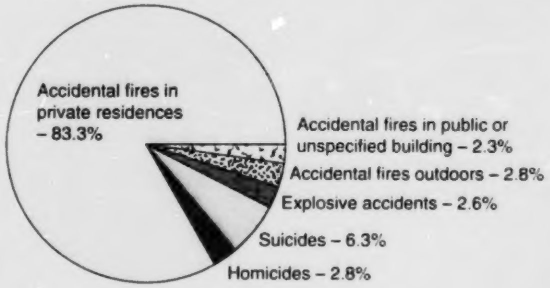
In the 13 years between 1986 and 1998, there were 618 deaths due to fires in British Columbia. Of these, 83 percent occurred in private residences. Suicides by fire made up over 6 percent of all fire deaths. Homicides, explosions, outdoor fires and fires in public buildings were collectively responsible for approximately 10 percent of fire deaths.

During the 13-year period those aged over 60 had the highest rates of fire deaths, with a dramatic increase in the oldest age group, those over 85. Almost all of those individuals died in an accidental fire in their private residence. Overall, for all ages, a fire fatality was almost twice as likely to be male.

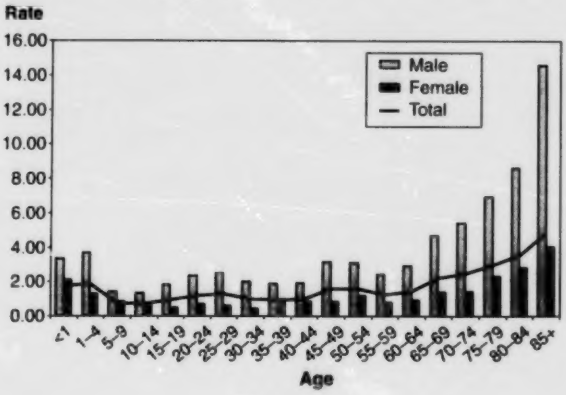
Almost 30 percent (184 deaths) of all fire death records show alcohol abuse or cigarette smoking as important factors. Over half of all those who died of an alcohol-related fire death were under 50 years of age. The majority of those who died in fires caused by smoking were 65 years of age and over. No one under the age of 18 died as a result of a fire caused by smoking.

Source: *Vital Statistics Quarterly Digest*, Volume 9, Number 3, March 2000; available on the Agency website (http://www.vs.gov.bc.ca/stats/quarter/q3_99/index.html#fire).

CAUSES AND PLACE OF FIRE DEATHS, 1986–1998



AGE SPECIFIC DEATH RATES DUE TO FIRES, 1986–1998



VITAL STATISTICS INFORMATION BOX

STATUS INDIAN INFANT MORTALITY BY HEALTH REGIONS

BRITISH COLUMBIA, 1991–1999

Regional Analysis of Health Statistics for Status Indians in British Columbia, 1991–1999, Birth Related and Mortality Summaries, British Columbia and Health Regions presents health status indicators for the Status Indian population who were resident in the province, with comparisons to all other B.C. residents. Birth and death information was extracted from the British Columbia Vital Statistics Agency's statistical database. Two other databases were used to identify Status Indians: the Indian Status Verification File of First Nations and Inuit Health Branch, Health Canada, and the British Columbia Medical Services Plan. Using an extensive computer matching process, a birth or death was considered to be a Status Indian event if the individual was identified in any of the three sources. This definition of a Status Indian is not equivalent to broader terms such as Aboriginal or First Nations people.

Between 1991 and 1999, there were 286 Status Indian infant deaths (age at death under one year old) out of the 2,135 infant deaths in the province. Almost one out of every seven infant deaths was a Status Indian baby. The graph below provides infant mortality rates by health region (HR) for Status Indians and other B.C. residents. Seven health regions had higher Status Indian infant mortality rates than the province. These areas, in decreasing order, were HR 11 Upper Island/Central Coast, 10 Central Vancouver Island, 19 Richmond, 16 Vancouver, 02 West Kootenay–Boundary, 20 Capital, and 06 Fraser Valley. HR 05 Thompson was the only area where the Status Indian infant mortality rate was lower than the infant mortality rate for other residents.

INFANT MORTALITY BY HEALTH REGION – STATUS INDIAN VS. OTHER POPULATION

BRITISH COLUMBIA, 1991–1999

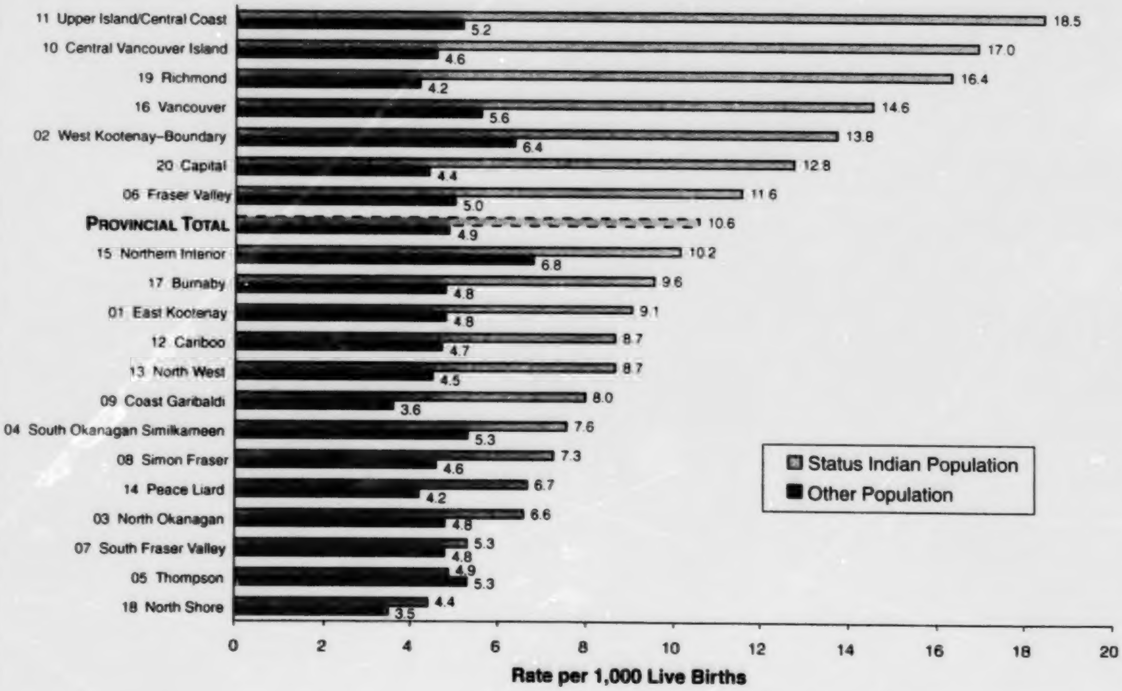


TABLE 27

SELECTED CAUSES OF INFANT DEATHS AND STILLBIRTHS

BRITISH COLUMBIA, 2000

Cause of Death	ICD-10 Code(s)	Infant Deaths – Age Group (in Days)					Stillbirths	
		<7	7–27	28–364	Total	Rate [1]	Number	Rate [2]
Congenital anomalies								
– of the nervous system	Q00–Q07	2	2	1	5	1.24	8	1.96
– of the eye, ear, face and neck	Q10–Q18	–	–	–	–	–	–	–
– of the heart and circulatory system	Q00–Q28	2	2	5	9	2.22	4	0.98
– of the respiratory system	Q30–Q34	6	–	1	7	1.73	–	–
– of the digestive system	Q35–Q45	–	–	–	–	–	–	–
– of the genital organs	Q50–Q56	–	–	–	–	–	–	–
– of the urinary system	Q60–Q64	1	–	1	2	0.49	1	0.25
– of the musculoskeletal system	Q65–Q79	1	–	–	1	0.25	–	–
Other and multiple system syndromes	Q80–Q89	–	1	–	1	0.25	10	2.45
Chromosomal anomalies	Q90–Q99	1	4	2	7	1.73	15	3.68
Total deaths due to congenital anomalies	**Q00–Q99**	**13**	**9**	**10**	**32**	**7.91**	**38**	**9.33**
Perinatal complications								
Infant affected by maternal factors	P00–P04	27	–	–	27	6.67	101	24.79
Premature/postmature and fetal growth disorders	P05–P08	12	1	–	13	3.21	10	2.45
Birth trauma	P10–P15	1	–	–	1	0.25	–	–
Respiratory and cardiovascular disorders	P20–P29	18	4	2	24	5.93	11	2.70
Infections specific to the perinatal period	P35–P39	2	3	1	6	1.48	–	–
Hemorrhage and hematological disorders	P50–P61	4	2	–	6	1.48	–	–
Transitory endocrine and metabolic disorders	P70–P74	1	–	–	1	0.25	1	0.25
Digestive system disorders of fetus and newborn	P75–P78	–	–	–	–	–	–	–
Other disorders originating in the perinatal period[3]	P80–P94, P96	1	1	–	2	0.49	69	16.93
Fetal death of unknown cause[3]	P95	–	–	–	–	–	42	10.31
Total deaths due to perinatal complications	**P00–P96**	**66**	**11**	**3**	**80**	**19.77**	**234**	**57.43**
Pneumonia/influenza	J10–J18.1, J18.8–J18.9	–	–	–	–	–	–	–
Sudden infant death syndrome (SIDS)[4]	R95	–	–	9	9	2.22	–	–
Other causes[4]		3	2	22	27	6.67	7	1.72
TOTAL		**82**	**22**	**44**	**148**	**36.57**	**279**	**68.47**

Note: [1] Rate per 10,000 live births.

[2] Rate per 10,000 total births (live births plus stillbirths).

[3] Stillbirths with undetermined cause of death and those still pending are coded to ICD-10 = P95.

[4] Some infant deaths which were still under investigation (ICD-10 = R99) may later be identified as SIDS.

Non-residents are excluded.

TABLE 27

SELECTED CAUSES OF INFANT DEATHS AND STILLBIRTHS

BRITISH COLUMBIA, 2000

		Infant Deaths – Age Group (in Days)					Stillbirths	
Cause of Death	ICD-10 Code(s)	<7	7–27	28–364	Total	Rate[1]	Number	Rate[2]
Congenital anomalies								
– of the nervous system	Q00–Q07	2	2	1	5	1.24	8	1.96
– of the eye, ear, face and neck	Q10–Q18	–	–	–	–	–	–	–
– of the heart and circulatory system	Q00–Q28	2	2	5	9	2.22	4	0.98
– of the respiratory system	Q30–Q34	6	–	1	7	1.73	–	–
– of the digestive system	Q35–Q45	–	–	–	–	–	–	–
– of the genital organs	Q50–Q56	–	–	–	–	–	–	–
– of the urinary system	Q60–Q64	1	–	1	2	0.49	1	0.25
– of the musculoskeletal system	Q65–Q79	1	–	–	1	0.25	–	–
Other and multiple system syndromes	Q80–Q89	–	1	–	1	0.25	10	2.45
Chromosomal anomalies	Q90–Q99	1	4	2	7	1.73	15	3.68
Total deaths due to congenital anomalies	**Q00–Q99**	**13**	**9**	**10**	**32**	**7.91**	**38**	**9.33**
Perinatal complications								
Infant affected by maternal factors	P00–P04	27	–	–	27	6.67	101	24.79
Premature/postmature and fetal growth disorders	P05–P08	12	1	–	13	3.21	10	2.45
Birth trauma	P10–P15	1	–	–	1	0.25	–	–
Respiratory and cardiovascular disorders	P20–P29	18	4	2	24	5.93	11	2.70
Infections specific to the perinatal period	P35–P39	2	3	1	6	1.48	–	–
Hemorrhage and hematological disorders	P50–P61	4	2	–	6	1.48	–	–
Transitory endocrine and metabolic disorders	P70–P74	1	–	–	1	0.25	1	0.25
Digestive system disorders of fetus and newborn	P75–P78	–	–	–	–	–	–	–
Other disorders originating in the perinatal period[3]	P80–P94, P96	1	1	–	2	0.49	69	16.93
Fetal death of unknown cause[3]	P95	–	–	–	–	–	42	10.31
Total deaths due to perinatal complications	**P00–P96**	**66**	**11**	**3**	**80**	**19.77**	**234**	**57.43**
Pneumonia/influenza	J10–J18.1, J18.8–J18.9	–	–	–	–	–	–	–
Sudden infant death syndrome (SIDS)[4]	R95	–	–	9	9	2.22	–	–
Other causes[4]		3	2	22	27	6.67	7	1.72
TOTAL		**82**	**22**	**44**	**148**	**36.57**	**279**	**68.47**

Note: [1] Rate per 10,000 live births.
[2] Rate per 10,000 total births (live births plus stillbirths).
[3] Stillbirths with undetermined cause of death and those still pending are coded to ICD-10 = P95.
[4] Some infant deaths which were still under investigation (ICD-10 = R99) may later be identified as SIDS.
Non-residents are excluded.

HIGHLIGHTS TO TABLE 27

- There were 148 infant deaths (under one year of age) and 279 stillbirths in 2000, a decrease from the 158 infant deaths and 294 stillbirths in 1999.
- In 2000, perinatal complications were the cause of death for more than half (54.1%) of the infant deaths (80) and more than four fifths (83.9%) of the stillbirths (234). This cause includes the stillbirths with undetermined cause of death (42). The infant mortality rate for perinatal complications was 19.77 deaths per 10,000 live births, and the stillbirth rate for this cause was 57.43 per 10,000 total births.
- Congenital anomalies were responsible for one fifth (21.6%) of infant deaths (32) and about one out of eight (13.6%) stillbirths (38) in 2000. The infant mortality rate for congenital anomalies was 7.91 deaths per 10,000 live births, and the stillbirth rate was 9.33 per 10,000 total births.
- Of the 82 deaths in the early neonatal period (age at death under 7 days), four fifths (80.5%) were due to perinatal complications (66 deaths). The most common of these were infant affected by maternal factors (27), respiratory and cardiovascular disorders (18), and premature/postmature and fetal growth disorders (12).
- There were 44 infant deaths in the post neonatal period (28 to 364 days after birth) including 9 due to Sudden Infant Death Syndrome (SIDS). It should be noted that some of the infant deaths that are still under investigation may later be identified as SIDS.

TABLE 28
DEATHS DUE TO HIV DISEASE BY GENDER AND AGE GROUP
BRITISH COLUMBIA, 1987–2000

Year of Death	Gender	Age at Death (in Years) <20	20–29	30–39	40–49	50–59	60+	Total
1987	M	–	12	39	25	5	4	85
	F	–	–	–	2	–	–	2
	T	–	12	39	27	5	4	87
	Percent	–	14.0	45.0	31.0	6.0	5.0	100.0
1988	M	–	15	39	37	12	7	110
	F	1	1	–	1	1	–	4
	T	1	16	39	38	13	7	114
	Percent	1.0	14.0	34.0	33.0	11.0	6.0	100.0
1989	M	–	11	60	48	9	4	132
	F	1	1	1	–	1	–	4
	T	1	12	61	48	10	4	136
	Percent	1.0	9.0	45.0	35.0	7.0	3.0	100.0
1990	M	–	17	71	73	18	6	185
	F	–	1	–	1	1	–	3
	T	–	18	71	74	19	6	188
	Percent	–	10.0	38.0	39.0	10.0	3.0	100.0
1991	M	–	14	78	54	23	6	175
	F	–	–	1	–	–	1	2
	T	–	14	79	54	23	7	177
	Percent	–	8.0	45.0	31.0	13.0	4.0	100.0
1992	M	–	28	101	89	22	5	245
	F	–	1	3	2	–	–	6
	T	–	29	104	91	22	5	251
	Percent	–	12.0	41.0	36.0	9.0	2.0	100.0
1993	M	–	28	113	94	34	15	284
	F	–	3	8	2	1	1	15
	T	–	31	121	96	35	16	299
	Percent	–	10.0	41.0	32.0	12.0	5.0	100.0
1994	M	–	19	147	101	29	12	308
	F	2	5	10	2	2	2	23
	T	2	24	157	103	31	14	331
	Percent	0.6	7.3	47.4	31.1	9.4	4.2	100.0
1995	M	–	17	116	103	30	9	275
	F	–	6	7	4	1	1	19
	T	–	23	123	107	31	10	294
	Percent	–	7.8	41.8	36.4	10.5	3.4	100.0
1996	M	3	9	106	72	34	10	234
	F	–	4	6	5	–	1	16
	T	3	13	112	77	34	11	250
	Percent	1.2	5.2	44.8	30.8	13.6	4.4	100.0
1997	M	–	11	40	32	11	6	100
	F	–	2	6	4	1	2	15
	T	–	13	46	36	12	8	115
	Percent	–	11.3	40.0	31.3	10.4	7.0	100.0
1998	M	–	6	31	44	7	4	92
	F	–	4	8	3	1	1	17
	T	–	10	39	47	8	5	109
	Percent	–	9.2	35.8	43.1	7.3	4.6	100.0
1999	M	1	3	36	32	13	3	88
	F	–	–	4	7	1	–	12
	T	1	3	40	39	14	3	100
	Percent	1.0	3.0	40.0	39.0	14.0	3.0	100.0
2000	M	–	5	32	29	23	8	97
	F	–	4	7	9	3	2	25
	T	–	9	39	38	26	10	122
	Percent	–	7.4	32.0	31.1	21.3	8.2	100.0
1987–2000	**M**	**4**	**195**	**1,009**	**833**	**270**	**99**	**2,410**
	F	**4**	**32**	**61**	**42**	**13**	**11**	**163**
	T	**8**	**227**	**1,070**	**875**	**283**	**110**	**2,573**
	Percent	**0.3**	**8.8**	**41.6**	**34.0**	**11.0**	**4.3**	**100.0**

Note: HIV Disease – ICD-10 codes B20–B24. Total percentage may not add up to 100 due to rounding. Non-residents are excluded.

TABLE 28

DEATHS DUE TO HIV DISEASE BY GENDER AND AGE GROUP

BRITISH COLUMBIA, 1987–2000

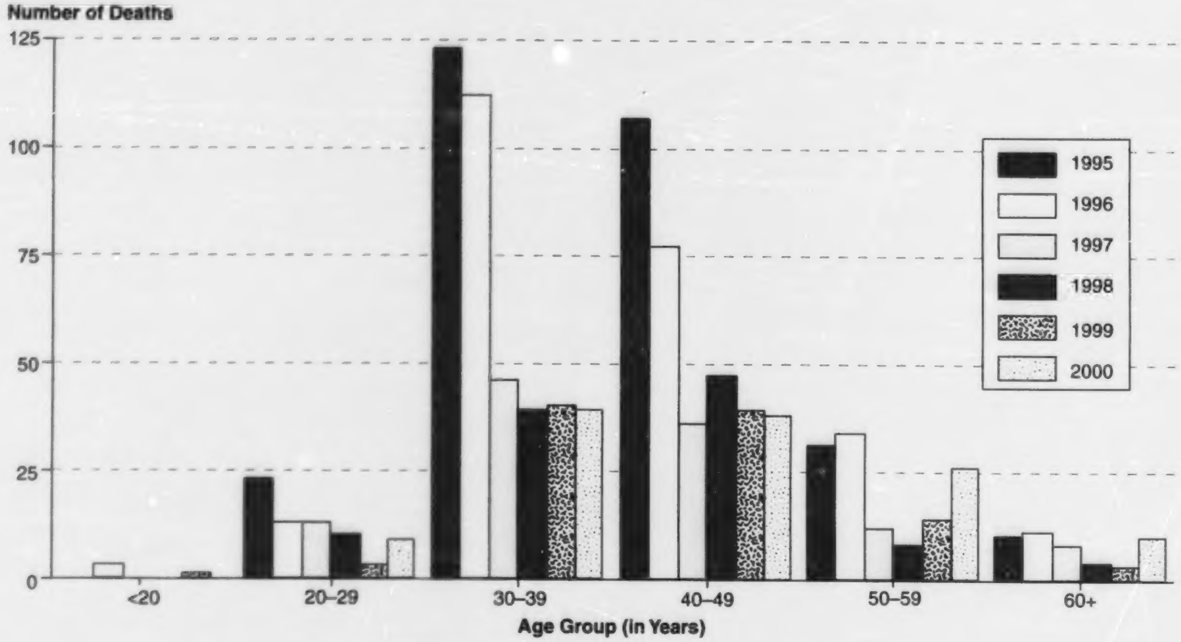
Year of Death	Gender	Age at Death (in Years)						Total
		<20	20–29	30–39	40–49	50–59	60+	
1987	M	–	12	39	25	5	4	85
	F	–	–	–	2	–	–	2
	T	–	12	39	27	5	4	87
	Percent	–	14.0	45.0	31.0	6.0	5.0	100.0
1988	M	–	15	39	37	12	7	110
	F	1	1	–	1	1	–	4
	T	1	16	39	38	13	7	114
	Percent	1.0	14.0	34.0	33.0	11.0	6.0	100.0
1989	M	–	11	60	48	9	4	132
	F	1	1	1	–	1	–	4
	T	1	12	61	48	10	4	136
	Percent	1.0	9.0	45.0	35.0	7.0	3.0	100.0
1990	M	–	17	71	73	18	6	185
	F	–	1	–	1	1	–	3
	T	–	18	71	74	19	6	188
	Percent	–	10.0	38.0	39.0	10.0	3.0	100.0
1991	M	–	14	78	54	23	6	175
	F	–	–	1	–	–	1	2
	T	–	14	79	54	23	7	177
	Percent	–	8.0	45.0	31.0	13.0	4.0	100.0
1992	M	–	28	101	89	22	5	245
	F	–	1	3	2	–	–	6
	T	–	29	104	91	22	5	251
	Percent	–	12.0	41.0	36.0	9.0	2.0	100.0
1993	M	–	28	113	94	34	15	284
	F	–	3	8	2	1	1	15
	T	–	31	121	96	35	16	299
	Percent	–	10.0	41.0	32.0	12.0	5.0	100.0
1994	M	–	19	147	101	29	12	308
	F	2	5	10	2	2	2	23
	T	2	24	157	103	31	14	331
	Percent	0.6	7.3	47.4	31.1	9.4	4.2	100.0
1995	M	–	17	116	103	30	9	275
	F	–	6	7	4	1	1	19
	T	–	23	123	107	31	10	294
	Percent	–	7.8	41.8	36.4	10.5	3.4	100.0
1996	M	3	9	106	72	34	10	234
	F	–	4	6	5	–	1	16
	T	3	13	112	77	34	11	250
	Percent	1.2	5.2	44.8	30.8	13.6	4.4	100.0
1997	M	–	11	40	32	11	6	100
	F	–	2	6	4	1	2	15
	T	–	13	46	36	12	8	115
	Percent	–	11.3	40.0	31.3	10.4	7.0	100.0
1998	M	–	6	31	44	7	4	92
	F	–	4	8	3	1	1	17
	T	–	10	39	47	8	5	109
	Percent	–	9.2	35.8	43.1	7.3	4.6	100.0
1999	M	1	3	36	32	13	3	88
	F	–	–	4	7	1	–	12
	T	1	3	40	39	14	3	100
	Percent	1.0	3.0	40.0	39.0	14.0	3.0	100.0
2000	M	–	5	32	29	23	8	97
	F	–	4	7	9	3	2	25
	T	–	9	39	38	26	10	122
	Percent	–	7.4	32.0	31.1	21.3	8.2	100.0
1987–2000	**M**	**4**	**195**	**1,009**	**833**	**270**	**99**	**2,410**
	F	**4**	**32**	**61**	**42**	**13**	**11**	**163**
	T	**8**	**227**	**1,070**	**875**	**283**	**110**	**2,573**
	Percent	**0.3**	**8.8**	**41.6**	**34.0**	**11.0**	**4.3**	**100.0**

Note: HIV Disease – ICD-10 codes B20–B24. Total percentage may not add up to 100 due to rounding.
Non-residents are excluded.

FIGURE 17

DEATHS DUE TO HIV DISEASE BY AGE GROUP

BRITISH COLUMBIA, 1995–2000



HIGHLIGHTS TO TABLE 28/FIGURE 17

- There were 122 deaths from HIV disease in 2000, an increase from 100 deaths in 1999. Since 1987, there have been 2,573 HIV disease deaths in the province.
- The number of deaths from HIV disease peaked at 331 in 1994. The largest decrease occurred when the number of HIV disease deaths dropped from 250 in 1996 to 115 in 1997.
- Over the 14 year period from 1987–2000, the majority of all HIV disease deaths (93.7%) were males (2,410 deaths); only 6.3% (163 deaths) were female.
- For the 1987–2000 period, out of 100 deaths from HIV disease, approximately:
  - 9 were in the 20–29 age group (227)
  - 42 were in the 30–39 age group (1,070)
  - 34 were in the 40–49 age group (875)
  - 11 were in the 50–59 age group (283)
  - 4 were at least 60 years of age (110).
- There were only 8 deaths from HIV disease in 1987–2000 to children and teens (age less than 20 years old).
- Figure 17 shows the number of deaths due to HIV disease by age group for 1995–2000. In the 30–39 age group, the annual number of deaths from HIV disease decreased from more than a hundred in both 1995 and 1996, to less than 50 each year from 1997–2000. The 40–49 age group had more than 100 deaths in 1995, just over 75 in 1996, and less than 50 each year from 1997–2000. Although the number of HIV disease deaths was small for the 20–29, 50–59, and 60+ age groups, these age groups showed a decreasing trend followed by small increases in HIV disease deaths in recent years.

TABLE 29

DEATHS DUE TO HIV DISEASE BY HEALTH REGION

BRITISH COLUMBIA, 1987–2000

															1987–2000		
Health Region	1987	1988	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	Number	Percent	Rate
01 East Kootenay	–	–	–	–	1	–	–	–	1	–	2	–	–	–	4	0.2	0.38
02 West Kootenay–Boundary	1	–	–	2	–	–	1	1	3	1	–	1	1	–	11	0.4	1.02
03 North Okanagan	–	1	–	1	1	3	4	–	3	–	–	1	1	1	16	0.6	1.09
04 South Okanagan Similkameen	2	2	1	1	1	7	6	6	6	7	2	3	1	2	47	1.8	1.68
05 Thompson	2	–	–	2	2	2	3	1	–	1	2	2	2	2	21	0.8	1.23
06 Fraser Valley	–	–	4	2	1	4	6	7	6	7	1	5	3	3	49	1.9	1.68
07 South Fraser Valley	2	4	8	6	10	15	12	19	17	22	6	4	11	7	143	5.6	2.08
08 Simon Fraser	4	3	9	13	5	5	10	12	15	6	5	4	2	7	100	3.9	2.60
09 Coast Garibaldi	1	2	1	–	–	1	3	3	–	1	3	1	–	–	16	0.6	1.70
10 Central Vancouver Isl.	2	1	4	1	4	16	6	12	14	6	4	3	3	8	84	3.3	2.81
11 Upper Island/ Central Coast	1	4	–	2	1	1	3	4	2	1	1	1	1	4	26	1.0	1.70
12 Cariboo	–	–	–	–	–	–	1	2	2	2	–	–	–	–	7	0.3	0.71
13 North West	–	–	–	1	–	1	1	–	2	1	–	–	–	–	6	0.2	0.49
14 Peace Liard	–	–	–	–	2	–	–	1	1	–	–	1	–	–	5	0.2	0.58
15 Northern Interior	–	3	–	1	1	–	1	2	2	5	2	2	–	–	19	0.7	1.10
16 Vancouver	53	72	84	124	108	148	192	201	181	145	63	64	52	73	1,560	60.6	21.50
17 Burnaby	4	5	7	3	9	10	15	12	6	9	3	2	4	4	93	3.6	3.80
18 North Shore	5	6	6	11	9	13	14	12	12	10	4	3	4	3	112	4.4	4.73
19 Richmond	5	4	–	6	6	5	1	7	4	4	5	2	2	1	52	2.0	2.62
20 Capital	5	7	12	12	16	20	20	28	17	21	10	10	13	7	198	7.7	4.47
N.S.	–	–	–	–	–	–	–	1	–	1	2	–	–	–	4	0.2	–
PROVINCIAL TOTAL	**87**	**114**	**136**	**188**	**177**	**251**	**299**	**331**	**294**	**250**	**115**	**109**	**100**	**122**	**2,573**	**100.0**	**5.10**

Note: HIV Disease – ICD-10 codes B20–B24.
Health Region based on usual residence.
Rate per 100,000 population in specified area.
Total percentage may not add up to 100 due to rounding.
Non-residents are excluded. N.S. – Not Stated.

HIGHLIGHTS TO TABLE 29

- Over the fourteen-year period, 1987–2000, 60.6% of the 2,573 deaths from HIV disease were to residents of the Vancouver Health Region (1,560 deaths). In 2000, 73 of the 122 HIV disease deaths were residents of Vancouver. Many individuals infected with HIV disease may have moved to the Vancouver Health Region on a permanent basis to be closer to treatment facilities or other support services.
- The only other health regions with over one hundred HIV disease deaths during the 1987–2000 period were the Capital (198), South Fraser Valley (143), and North Shore (112).
- The provincial rate for deaths due to HIV disease, for the period 1987–2000, was 5.10 per 100,000 population. The five health regions with the highest rates for deaths due to HIV disease (total deaths for 1987–2000 in parentheses) were:

016	Vancouver	21.50	(1,560)
018	North Shore	4.73	(112)
020	Capital	4.47	(198)
017	Burnaby	3.80	(93)
010	Central Vancouver Island	2.81	(84)

TABLE 29

DEATHS DUE TO HIV DISEASE BY HEALTH REGION

BRITISH COLUMBIA, 1987–2000

Health Region	1987	1988	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	1987–2000		
															Number	Percent	Rate
01 East Kootenay	–	–	–	–	1	–	–	–	1	–	2	–	–	–	4	0.2	0.38
02 West Kootenay–Boundary	1	–	–	2	–	–	1	1	3	1	–	1	1	–	11	0.4	1.02
03 North Okanagan	–	1	–	1	1	3	4	–	3	–	–	1	1	1	16	0.6	1.09
04 South Okanagan Similkameen	2	2	1	1	1	7	6	6	6	7	2	3	1	2	47	1.8	1.68
05 Thompson	2	–	–	2	2	2	3	1	–	1	2	2	2	2	21	0.8	1.23
06 Fraser Valley	–	–	4	2	1	4	6	7	6	7	1	5	3	3	49	1.9	1.68
07 South Fraser Valley	2	4	8	6	10	15	12	19	17	22	6	4	11	7	143	5.6	2.08
08 Simon Fraser	4	3	9	13	5	5	10	12	15	6	5	4	2	7	100	3.9	2.60
09 Coast Garibaldi	1	2	1	–	–	1	3	3	–	1	3	1	–	–	16	0.6	1.70
10 Central Vancouver Isl.	2	1	4	1	4	16	6	12	14	6	4	3	3	8	84	3.3	2.81
11 Upper Island/ Central Coast	1	4	–	2	1	1	3	4	2	1	1	1	1	4	26	1.0	1.70
12 Cariboo	–	–	–	–	–	–	1	2	2	2	–	–	–	–	7	0.3	0.71
13 North West	–	–	–	1	–	1	1	–	2	1	–	–	–	–	6	0.2	0.49
14 Peace Liard	–	–	–	–	2	–	–	1	1	–	–	1	–	–	5	0.2	0.58
15 Northern Interior	–	3	–	1	1	–	1	2	2	5	2	2	–	–	19	0.7	1.10
16 Vancouver	53	72	84	124	108	148	192	201	181	145	63	64	52	73	1,560	60.6	21.50
17 Burnaby	4	5	7	3	9	10	15	12	6	9	3	2	4	4	93	3.6	3.80
18 North Shore	5	6	6	11	9	13	14	12	12	10	4	3	4	3	112	4.4	4.73
19 Richmond	5	4	–	6	6	5	1	7	4	4	5	2	2	1	52	2.0	2.62
20 Capital	5	7	12	12	16	20	20	28	17	21	10	10	13	7	198	7.7	4.47
N.S.	–	–	–	–	–	–	–	1	–	1	2	–	–	–	4	0.2	–
PROVINCIAL TOTAL	**87**	**114**	**136**	**188**	**177**	**251**	**299**	**331**	**294**	**250**	**115**	**109**	**100**	**122**	**2,573**	**100.0**	**5.10**

Note: HIV Disease – ICD-10 codes B20–B24.
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Rate per 100,000 population in specified area.
Total percentage may not add up to 100 due to rounding.
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020	Capital	4.47	(198)
017	Burnaby	3.80	(93)
010	Central Vancouver Island	2.81	(84)

VITAL STATISTICS INFORMATION BOX

TUBERCULOSIS AND MYCOBACTERIUM MORTALITY IN BRITISH COLUMBIA, 1890–1999

Before the introduction of antibiotics in the 1940s tuberculosis (TB) was responsible for over 550 deaths every year in British Columbia. There were only 131 deaths directly due to TB from 1990 to 1999. In the late 1970s and early 1980s there was a slight rise in the number of deaths due to TB that might be explained by the prevalence of immune compromising conditions such as AIDS.

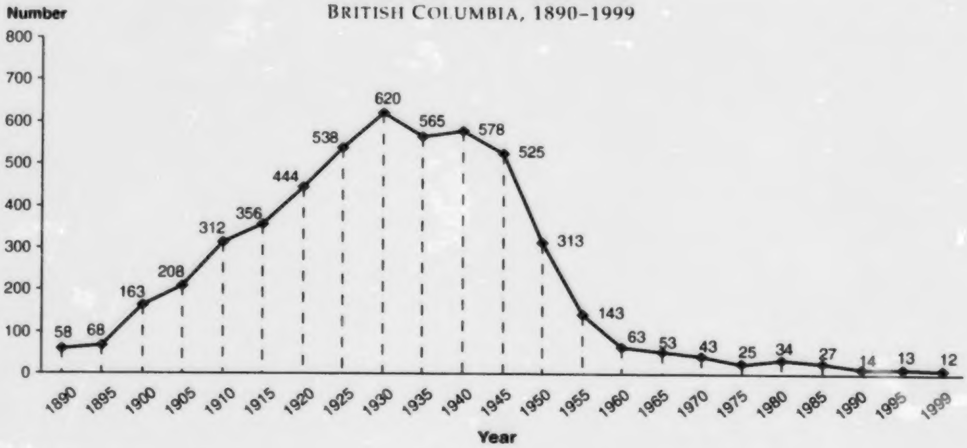
Throughout the ten-year study period 1990–1999, it was found that more males than females died as a direct and indirect result of TB and mycobacterium. Those in the most elderly age group, 75 years and over, were the most susceptible to death by TB and mycobacterium. The Status Aboriginal population had a TB death rate of over three times higher than the other British Columbians for 1991–1998.

The number of deaths from TB and mycobacterium have been relatively low and stable in the past five years, but they should be closely monitored as the number of immune compromised individuals continue to rise in British Columbia.

Source: *Vital Statistics Quarterly Digest*, Volume 10, Number 1, October 2000; available on the Agency website (http://www.vs.gov.bc.ca/stats/quarter/q1_2000/index.html).

TUBERCULOSIS DEATHS

BRITISH COLUMBIA, 1890–1999



AGE SPECIFIC RATES OF TUBERCULOSIS RELATED DEATHS – STATUS ABORIGINAL VS THE REST OF BC

BRITISH COLUMBIA, 1991–1998

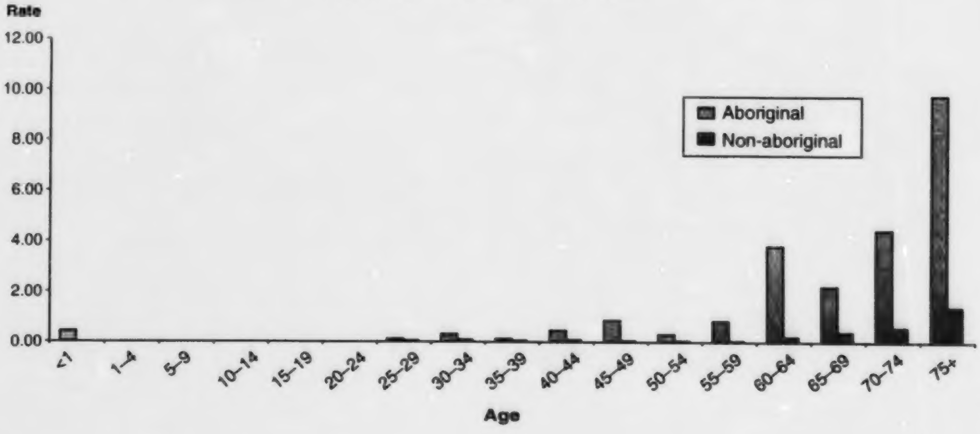


TABLE 30

DEATHS FROM ACCIDENTS AND VIOLENCE BY GENDER

BRITISH COLUMBIA, 2000

Cause of Death	ICD-10 Code(s)	Male		Female		Total	
		Number	ASMR	Number	ASMR	Number	ASMR
Motor vehicle accidents[1]	V02–V04, ...Y85.0	236	1.16	106	0.49	342	0.83
Other transport accidents[2]	V01,...Y85.9	31	0.15	5	0.02	36	0.08
Accidental poisoning	X40–X49	175	0.84	58	0.29	233	0.57
Accidental falls	W00–W19	123	0.59	151	0.45	274	0.52
Accident caused by fire	X00–X09	16	0.07	10	0.04	26	0.06
Drowning/submersion	W65–W74	32	0.15	9	0.04	41	0.10
Accident caused by machinery	W24, W28–W31	6	0.03	–	–	6	0.01
Accident caused by firearms	W32–W34	5	0.02	–	–	5	0.01
All other accidents[3]	W20–W23, ...Y88	77	0.36	41	0.14	118	0.25
Suicide	X60–X84, Y87.0	262	1.27	82	0.37	344	0.82
Homicide	X85–Y09, Y87.1	28	0.14	11	0.05	39	0.10
Event of undetermined intent	Y10–Y34, Y87.2	15	0.07	9	0.04	24	0.05
Sequelae of other external causes	Y86, Y89	2	0.01	3	0.01	5	0.01
TOTAL	**V01–Y89**	**1,008**	**4.89**	**485**	**1.95**	**1,493**	**3.40**

Note: ASMR – Age Standardized Mortality Rate per 10,000 standard population (Canada 1991 Census).

[1] ICD-10 codes V02–V04, V09, V12–V14, V19.0–V19.6, V20–V79, V80.3–V80.5, V81.0–V81.1, V82.0–V82.1, V83–V89.0, V89.2, V89.9, Y85.0.

[2] ICD-10 codes V01, V05–V06, V10–V11, V15–V18, V19.8–V19.9, V80.0–V80.2, V80.6–V80.9, V81.2–V81.9, V82.2–V82.9, V89.1, V89.3, V90–V99, Y85.9.

[3] ICD-10 codes W20–W23, W25–W27, W35–W64, W75–W99, X10–X39, X50–X59, Y40–Y84, Y35–Y36, Y88.

Non-residents are excluded.

TABLE 30

DEATHS FROM ACCIDENTS AND VIOLENCE BY GENDER

BRITISH COLUMBIA, 2000

		Male		Female		Total	
Cause of Death	ICD-10 Code(s)	Number	ASMR	Number	ASMR	Number	ASMR
Motor vehicle accidents[1]	V02–V04, ...Y85.0	236	1.16	106	0.49	342	0.83
Other transport accidents[2]	V01,...Y85.9	31	0.15	5	0.02	36	0.08
Accidental poisoning	X40–X49	175	0.84	58	0.29	233	0.57
Accidental falls	W00–W19	123	0.59	151	0.45	274	0.52
Accident caused by fire	X00–X09	16	0.07	10	0.04	26	0.06
Drowning/submersion	W65–W74	32	0.15	9	0.04	41	0.10
Accident caused by machinery	W24, W28–W31	6	0.03	–	–	6	0.01
Accident caused by firearms	W32–W34	5	0.02	–	–	5	0.01
All other accidents[3]	W20–W23, ...Y88	77	0.36	41	0.14	118	0.25
Suicide	X60–X84, Y87.0	262	1.27	82	0.37	344	0.82
Homicide	X85–Y09, Y87.1	28	0.14	11	0.05	39	0.10
Event of undetermined intent	Y10–Y34, Y87.2	15	0.07	9	0.04	24	0.05
Sequelae of other external causes	Y86, Y89	2	0.01	3	0.01	5	0.01
TOTAL	**V01–Y89**	**1,008**	**4.89**	**485**	**1.95**	**1,493**	**3.40**

Note: ASMR – Age Standardized Mortality Rate per 10,000 standard population (Canada 1991 Census).

[1] ICD-10 codes V02–V04, V09, V12–V14, V19.0–V19.6, V20–V79, V80.3–V80.5, V81.0–V81.1, V82.0–V82.1, V83–V89.0, V89.2, V89.9, Y85.0.

[2] ICD-10 codes V01, V05–V06, V10–V11, V15–V18, V19.8–V19.9, V80.0–V80.2, V80.6–V80.9, V81.2–V81.9, V82.2–V82.9, V89.1, V89.3, V90–V99, Y85.9.

[3] ICD-10 codes W20–W23, W25–W27, W35–W64, W75–W99, X10–X39, X50–X59, Y40–Y84, Y35–Y36, Y88.

Non-residents are excluded.

HIGHLIGHTS TO TABLE 30

- Accidents and violence include all deaths from accidents, suicide, homicide, and deaths of undetermined intent. In 2000, there were 1,493 deaths from accidents and violence among B.C. residents.
- Out of every 1,000 of all deaths in 2000, approximately :

  – 945 deaths were from natural causes (please refer to Table 21)
  – 55 deaths were from accidents and violence, including:
    ~ 13 were suicide (344)
    ~ 13 were motor vehicle accidents (342)
    ~ 10 were accidental falls (274)
    ~ 9 were accidental poisoning (233)
    ~ 2 were from drowning/submersion (41)
    ~ 1 was a victim of homicide (39)
    ~ 1 was from other transport accidents (36)
    ~ 1 was from fire (26)
    ~ 1 was from an event of undetermined intent (24)
- The Age Standardized Mortality Rate (ASMR) for deaths from accidents and violence was 3.40 deaths per 10,000 standard population in 2000. The ASMR for males was 4.89; the ASMR for females was 1.95 in 2000. On average, males accounted for two thirds of the deaths from accidents and violence (67.5%).
- For males and females, the leading causes of death from accidents and violence are shown below, ranked by number of deaths in 2000. ASMRs per 10,000 male or female standard population are shown in parentheses.

Males			*Females*		
suicide	262	(1.27)	accidental falls	151	(0.45)
motor vehicle accidents	236	(1.16)	motor vehicle accidents	106	(0.49)
accidental poisoning	175	(0.84)	suicide	82	(0.37)

DEATHS FROM ACCIDENTS AND VIOLENCE BY LOCAL HEALTH AREA

Local Health Area		Motor Vehicle Accidents	Other Transport Accidents	Accidental		Accident Caused by Fire	Drowning/ Submersion	Suicide	Homicide	Other	Total	
				Poisoning	Falls						Deaths	ASMR
001	Fernie	–	–	–	1	–	–	2	–	1	4	2.21
002	Cranbrook	3	–	2	3	–	1	4	–	2	15	5.35
003	Kimberley	–	–	1	1	–	–	1	–	–	3	2.06
004	Windermere	3	–	–	–	–	–	1	–	–	4	4.07
005	Creston	5	–	–	2	–	–	1	–	–	8	6.44
006/007	Kootenay Lake/Nelson	4	2	2	1	–	–	5	–	–	14	4.29
009	Castlegar	4	–	–	–	–	–	3	1	–	8	5.36
010	Arrow Lakes	3	–	1	1	–	–	–	–	–	5	8.36
011	Trail	2	–	1	2	–	–	4	–	2	11	6.62
012/013	Grand Forks/Kettle Valley	2	–	–	2	–	–	1	–	–	5	2.53
014	Southern Okanagan	3	–	2	3	–	–	5	–	3	16	6.45
015	Penticton	3	–	2	9	–	–	4	–	1	19	3.34
016	Keremeos	2	–	–	–	3	–	–	–	–	5	12.72
017	Princeton	2	–	1	–	–	–	2	–	1	6	12.00
018	Golden	2	1	–	–	–	–	–	–	–	3	3.78
019	Revelstoke	4	–	–	2	–	–	–	–	1	7	9.21
020	Salmon Arm	8	–	–	3	–	2	5	–	–	18	5.14
021	Armstrong–Spallumcheen	2	–	–	1	–	–	2	–	–	5	7.12
022	Vernon	7	–	1	9	1	1	7	–	1	27	3.91
023	Central Okanagan	12	–	7	15	1	3	17	3	7	65	3.73
024	Kamloops	16	3	8	10	1	–	12	4	4	58	5.46
025	100 Mile House	4	–	–	3	–	–	1	–	1	9	4.51
026	North Thompson	1	–	–	–	1	–	–	–	–	2	5.47
027	Cariboo–Chilcotin	7	1	1	3	–	–	5	–	–	17	6.52
028	Quesnel	8	–	–	2	–	–	1	2	1	14	5.44
029	Lillooet	2	–	–	2	–	–	–	–	2	6	13.84
030	South Cariboo	–	–	–	1	–	–	–	–	1	2	2.46
031	Merritt	4	–	–	3	1	1	3	1	1	14	12.06
032	Hope	4	–	–	1	–	2	2	1	2	12	15.42
033	Chilliwack	5	2	1	3	1	1	7	1	3	24	3.42
034	Abbotsford	19	2	10	5	5	–	5	–	6	52	4.35
035	Langley	14	1	4	8	1	2	6	1	6	43	3.60
036	Surrey	19	3	26	5	1	2	25	1	12	94	2.57
037	Delta	5	1	1	3	–	1	5	–	4	20	1.97
038	Richmond	7	–	2	6	–	–	6	–	5	26	1.47
040	New Westminster	4	–	8	4	–	–	4	1	2	23	3.21
041	Burnaby	10	2	10	7	1	1	8	3	5	47	2.16
042	Maple Ridge	4	1	9	1	–	–	7	1	2	25	3.29
043	Coquitlam	6	–	6	9	–	1	8	–	2	32	1.77
044	North Vancouver	2	–	2	6	–	2	8	–	3	23	1.73
045	West Vancouver–Bowen Is.	1	1	2	5	–	–	1	–	–	10	1.66
046	Sunshine Coast	–	–	2	2	–	1	1	–	3	9	3.36
047	Powell River	1	1	1	–	–	–	4	–	–	7	2.89
048	Howe Sound	6	–	3	1	1	–	3	–	6	20	5.49
049	Bella Coola Valley	3	–	–	–	–	–	–	–	–	3	10.08
050	Queen Charlotte	1	–	–	–	–	–	1	–	–	2	4.74
051	Snow Country	1	–	–	–	–	–	–	–	1	2	19.17
052	Prince Rupert	3	4	2	3	–	2	2	1	–	17	9.83
053	Upper Skeena	–	–	–	–	–	–	1	–	–	1	1.59
054	Smithers	1	–	1	1	1	–	–	–	–	4	2.60
055/093	Burns Lake/Eutsuk	1	–	–	1	–	–	–	–	1	3	3.74
056	Nechako	4	–	–	2	–	2	4	2	3	17	10.12
057	Prince George	15	3	5	2	–	1	12	3	4	45	4.69
059	Peace River South	5	–	–	2	–	–	3	1	2	13	5.05
060	Peace River North	7	–	–	1	–	–	3	–	–	11	3.27
061	Greater Victoria	11	–	21	38	2	6	38	2	10	128	4.59
062	Sooke	3	–	1	3	1	–	6	1	1	16	2.80
063	Saanich	3	–	–	5	–	–	3	–	1	12	1.44
064	Gulf Islands	–	–	–	7	–	–	–	–	–	7	2.71
065	Cowichan	6	–	2	5	–	1	4	2	1	21	4.19
066	Lake Cowichan	–	–	–	–	–	–	–	–	–	–	–
067	Ladysmith	1	–	1	1	–	–	1	–	1	5	2.85
068	Nanaimo	8	1	5	10	–	4	16	–	3	47	4.64
069	Qualicum	4	–	–	5	–	1	2	–	3	15	2.95
070	Alberni	4	1	3	2	–	–	3	2	3	18	5.11
071	Courtenay	2	–	5	2	–	1	4	–	3	17	2.48
072/084	Campbell River/V.I. West	5	1	3	2	1	2	5	–	5	24	5.77
075	Mission	2	1	3	2	–	–	2	–	–	10	2.78
076	Agassiz–Harrison	3	–	1	–	–	–	–	–	–	4	5.60
077	Summerland	1	–	–	1	1	–	1	–	–	4	5.26
078	Enderby	2	–	–	1	–	–	–	–	1	4	4.81
080	Kitimat	2	–	–	–	–	–	–	–	1	3	4.01
081	Fort Nelson	2	–	–	–	–	–	1	–	–	3	3.74
083	Central Coast	–	–	–	–	–	–	–	–	–	–	–
085	Vancouver Island North	2	–	–	1	–	–	4	–	1	8	5.78
087/094	Stikine/Telegraph Creek	–	–	–	–	–	–	–	–	–	–	–
088	Terrace	–	–	–	1	–	–	3	–	4	8	3.91
092	Nisga'a	–	–	–	–	–	–	–	–	–	–	–
161	Vancouver City Centre	1	–	7	3	–	–	14	1	4	30	2.78
162	Vancouver Downtown E. Side	3	1	39	4	–	–	7	1	5	60	9.64
163	Vancouver North East	7	–	6	3	–	–	2	–	–	18	1.76
164	Vancouver West Side	5	3	3	8	1	–	8	–	3	31	1.94
165	Vancouver Midtown	1	–	5	3	1	–	4	3	1	18	2.05
166	Vancouver South	2	–	3	10	–	–	2	–	5	22	1.44
039	**VANCOUVER TOTAL**	**19**	**4**	**64**	**31**	**2**	**–**	**37**	**5**	**18**	**180**	**2.70**
	N.S.	1	–	–	–	–	–	2	–	1	4	–
	PROVINCIAL TOTAL	**342**	**36**	**233**	**274**	**26**	**41**	**344**	**39**	**158**	**1,493**	**3.40**
	PERCENT	**22.9**	**2.4**	**15.6**	**18.4**	**1.7**	**2.7**	**23.0**	**2.6**	**10.6**	**100.0**	

Note: Based on usual residence. ASMR – Age standardized mortality rate per 10,000 standard population (Canada 1991 Census). PERCENT – Provincial total for each cause as a percent of the Provincial total for all deaths from external causes. Other is comprised of accident caused by machinery, accident caused by firearms, all other accidents, event of undetermined intent, and sequelae of other external causes. LHA 039 Vancouver Total may include unspecified Vancouver addresses. N.S. – Not Stated. Non-residents are excluded.

DEATHS FROM ACCIDENTS AND VIOLENCE BY LOCAL HEALTH AREA

		Motor Vehicle Accidents	Other Transport Accidents	Accidental		Accident Caused by Fire	Drowning/ Submersion	Suicide	Homicide	Other	Total	
Local Health Area				Poisoning	Falls						Deaths	ASMR
001	Fernie	–	–	–	1	–	–	2	–	1	4	2.21
002	Cranbrook	3	–	2	3	–	1	4	–	2	15	5.35
003	Kimberley	–	–	1	1	–	–	1	–	–	3	2.06
004	Windermere	3	–	–	–	–	–	1	–	–	4	4.07
005	Creston	5	–	–	2	–	–	1	–	–	8	6.44
006/007	Kootenay Lake/Nelson	4	2	2	1	–	–	5	–	–	14	4.29
009	Castlegar	4	–	–	–	–	–	3	1	–	8	5.36
010	Arrow Lakes	3	–	1	1	–	–	–	–	–	5	8.36
011	Trail	2	–	1	2	–	–	4	–	2	11	6.62
012/013	Grand Forks/Kettle Valley	2	–	–	2	–	–	1	–	–	5	2.53
014	Southern Okanagan	3	–	2	3	–	–	5	–	3	16	6.45
015	Penticton	3	–	2	9	–	–	4	–	1	19	3.34
016	Keremeos	2	–	–	–	3	–	–	–	–	5	12.72
017	Princeton	2	–	1	–	–	–	2	–	1	6	12.00
018	Golden	2	1	–	–	–	–	–	–	–	3	3.78
019	Revelstoke	4	–	–	2	–	–	–	–	1	7	9.21
020	Salmon Arm	8	–	–	3	–	2	5	–	–	18	5.14
021	Armstrong–Spallumcheen	2	–	–	1	–	–	2	–	–	5	7.12
022	Vernon	7	–	1	9	1	1	7	–	1	27	3.91
023	Central Okanagan	12	–	7	15	1	3	17	3	7	65	3.73
024	Kamloops	16	3	8	10	1	–	12	4	4	58	5.46
025	100 Mile House	4	–	–	3	–	–	1	–	1	9	4.51
026	North Thompson	1	–	–	–	1	–	–	–	–	2	5.47
027	Cariboo–Chilcotin	7	1	1	3	–	–	5	–	–	17	6.52
028	Quesnel	8	–	–	2	–	–	1	2	1	14	5.44
029	Lillooet	2	–	–	2	–	–	–	–	2	6	13.84
030	South Cariboo	–	–	–	1	–	–	–	–	1	2	2.46
031	Merritt	4	–	–	3	1	1	3	1	1	14	12.06
032	Hope	4	–	–	1	–	2	2	1	2	12	15.42
033	Chilliwack	5	2	1	3	1	1	7	1	3	24	3.42
034	Abbotsford	19	2	10	5	5	–	5	–	6	52	4.35
035	Langley	14	1	4	8	1	2	6	1	6	43	3.60
036	Surrey	19	3	26	5	1	2	25	1	12	94	2.57
037	Delta	5	1	1	3	–	1	5	–	4	20	1.97
038	Richmond	7	–	2	6	–	–	6	–	5	26	1.47
040	New Westminster	4	–	8	4	–	–	4	1	2	23	3.21
041	Burnaby	10	2	10	7	1	1	8	3	5	47	2.16
042	Maple Ridge	4	1	9	1	–	–	7	1	2	25	3.29
043	Coquitlam	6	–	6	9	–	1	8	–	2	32	1.77
044	North Vancouver	2	–	2	6	–	2	8	–	3	23	1.73
045	West Vancouver–Bowen Is.	1	1	2	5	–	–	1	–	–	10	1.66
046	Sunshine Coast	–	–	2	2	–	1	1	–	3	9	3.36
047	Powell River	1	1	1	–	–	–	4	–	–	7	2.89
048	Howe Sound	6	–	3	1	1	–	3	–	6	20	5.49
049	Bella Coola Valley	3	–	–	–	–	–	–	–	–	3	10.08
050	Queen Charlotte	1	–	–	–	–	–	1	–	–	2	4.74
051	Snow Country	1	–	–	–	–	–	–	–	1	2	19.17
052	Prince Rupert	3	4	2	3	–	2	2	1	–	17	9.83
053	Upper Skeena	–	–	–	–	–	–	1	–	–	1	1.59
054	Smithers	1	–	1	1	1	–	–	–	–	4	2.60
055/093	Burns Lake/Eutsuk	1	–	–	1	–	–	–	–	1	3	3.74
056	Nechako	4	–	–	2	–	2	4	2	3	17	10.12
057	Prince George	15	3	5	2	–	1	12	3	4	45	4.69
059	Peace River South	5	–	–	2	–	–	3	1	2	13	5.05
060	Peace River North	7	–	–	1	–	–	3	–	–	11	3.27
061	Greater Victoria	11	–	21	38	2	6	38	2	10	128	4.59
062	Sooke	3	–	1	3	1	–	6	1	1	16	2.80
063	Saanich	3	–	–	5	–	–	3	–	1	12	1.44
064	Gulf Islands	–	–	–	7	–	–	–	–	–	7	2.71
065	Cowichan	6	–	2	5	–	1	4	2	1	21	4.19
066	Lake Cowichan	–	–	–	–	–	–	–	–	–	–	–
067	Ladysmith	1	–	1	1	–	–	1	–	1	5	2.85
068	Nanaimo	8	1	5	10	–	4	16	–	3	47	4.64
069	Qualicum	4	–	–	5	–	1	2	–	3	15	2.95
070	Alberni	4	1	3	2	–	–	3	2	3	18	5.11
071	Courtenay	2	–	5	2	–	1	4	–	3	17	2.48
072/084	Campbell River/V.I. West	5	1	3	2	1	2	5	–	5	24	5.77
075	Mission	2	1	3	2	–	–	2	–	–	10	2.78
076	Agassiz–Harrison	3	–	1	–	–	–	–	–	–	4	5.60
077	Summerland	1	–	–	1	1	–	1	–	–	4	5.26
078	Enderby	2	–	–	1	–	–	–	–	1	4	4.81
080	Kitimat	2	–	–	–	–	–	–	–	1	3	4.01
081	Fort Nelson	2	–	–	–	–	–	1	–	–	3	3.74
083	Central Coast	–	–	–	–	–	–	–	–	–	–	–
085	Vancouver Island North	2	–	–	1	–	–	4	–	1	8	5.78
087/094	Stikine/Telegraph Creek	–	–	–	–	–	–	–	–	–	–	–
088	Terrace	–	–	–	1	–	–	3	–	4	8	3.91
092	Nisga'a	–	–	–	–	–	–	–	–	–	–	–
161	Vancouver City Centre	1	–	7	3	–	–	14	1	4	30	2.78
162	Vancouver Downtown E. Side	3	1	39	4	–	–	7	1	5	60	9.64
163	Vancouver North East	7	–	6	3	–	–	2	–	–	18	1.76
164	Vancouver West Side	5	3	3	8	1	–	8	–	3	31	1.94
165	Vancouver Midtown	1	–	5	3	1	–	4	3	1	18	2.05
166	Vancouver South	2	–	3	10	–	–	2	–	5	22	1.44
039	**VANCOUVER TOTAL**	**19**	**4**	**64**	**31**	**2**	**–**	**37**	**5**	**18**	**180**	**2.70**
	N.S.	1	–	–	–	–	–	2	–	1	4	–
	PROVINCIAL TOTAL	**342**	**36**	**233**	**274**	**26**	**41**	**344**	**39**	**158**	**1,493**	**3.40**
	PERCENT	**22.9**	**2.4**	**15.6**	**18.4**	**1.7**	**2.7**	**23.0**	**2.6**	**10.6**	**100.0**	

Note: Based on usual residence. ASMR – Age standardized mortality rate per 10,000 standard population (Canada 1991 Census). PERCENT – Provincial total for each cause as a percent of the Provincial total for all deaths from external causes. Other is comprised of accident caused by machinery, accident caused by firearms, all other accidents, event of undetermined intent, and sequelae of other external causes. LHA 039 Vancouver Total may include unspecified Vancouver addresses. N.S. – Not Stated. Non-residents are excluded.

HIGHLIGHTS TO TABLE 31

- Deaths from accidents and violence are shown in this table based on the Local Health Area (LHA) of usual residence of the decedent, and not the location where the death occurred.
- The Age Standardized Mortality Rate (ASMR) for deaths from accidents and violence was 3.40 deaths per 10,000 standard population. There were 37 Local Health Areas (LHAs) which had ASMRs greater than the provincial rate and had five or more deaths from external causes. Of these LHAs, 11 had values that were at least twice the provincial rate. The five highest ASMRs, based on five or more deaths from accidents and violence, (number of deaths in parentheses) were:

032	Hope	15.42	(12)
029	Lillooet	13.84	(6)
016	Keremeos	12.72	(5)
031	Merritt	12.06	(14)
017	Princeton	12.00	(6)

- There were 26 LHAs with accidents and violence ASMRs below the provincial rate that had five or more deaths. The five LHAs with the lowest ASMR values in 2000 for deaths from accidents and violence (based on five or more deaths) were (number of deaths in parentheses):

166	Vancouver South	1.44	(22)
063	Saanich	1.44	(12)
038	Richmond	1.47	(26)
045	West Vancouver–Bowen Is.	1.66	(10)
044	North Vancouver	1.73	(23)

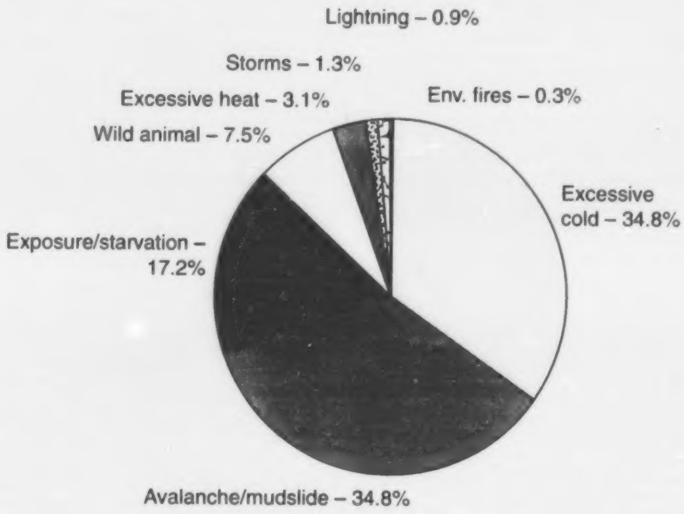
- Lake Cowichan, Central Coast, Stikine/Telegraph Creek, and Nisga'a had no deaths from accidents and violence in 2000.
- During 2000, suicides (344 deaths) and motor vehicle accidents (342) each accounted for almost a quarter of the deaths from accidents and violence. Accidental falls (274) accounted for about a fifth and accidental poisoning (233) accounted for about a sixth of deaths from external causes.
- Deaths from motor vehicle accidents (MVA) occurred most often in 2000 to residents of Abbotsford (19 deaths), Surrey (19), Kamloops (16) and Prince George (15).
- Accidental poisoning deaths occurred most often in 2000 to residents of Vancouver Downtown East Side (39 deaths), Surrey (26), and Greater Victoria (21).
- Deaths from accidental falls occurred most often in 2000 to residents of Greater Victoria (38 deaths), Central Okanagan (15), Kamloops (10), Nanaimo (10) and Vancouver South (10).
- Deaths from suicide occurred most often in 2000 to residents Greater Victoria (38 deaths), Surrey (25), Central Okanagan (17), Nanaimo (16), and Vancouver City Centre (14).

VITAL STATISTICS INFORMATION BOX

NATURAL ENVIRONMENTAL DEATHS IN BRITISH COLUMBIA, 1985–1998

From 1985 to 1998, 319 people (including 80 non-BC residents) died due to contact with BC's natural or climactic forces. Most notable were 111 deaths due to avalanches/mudslides and 111 due to non-drowning hypothermia. Combined, these two categories account for almost 70% of natural environmental deaths.

Since the numbers of environmental deaths are relatively low, it is difficult to identify any significant trends over time. With such low numbers, single events that cause multiple fatalities can cause marked increases in any given year. For example, an event such as an avalanche or a forest fire has the potential to cause a large number of deaths depending on the number of people in its path. The highest number of deaths due to a single natural event in British Columbia's history was 62 deaths due to an avalanche that occurred in 1910. The largest number of deaths due to a single natural event between 1985 and 1998 was 9 deaths due to an avalanche that occurred in 1991.



NATURAL ENVIRONMENTAL DEATHS BY YEAR AND CAUSE OF DEATH

Cause of Death	1985	1986	1987	1988	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998	Total
Forest Fires	–	–	–	–	–	–	1	–	–	–	–	–	–	–	1
Excessive Heat	–	2	1	–	–	1	1	1	1	–	1	–	–	1	9
Excessive Cold	15	9	6	7	3	5	13	5	8	9	6	11	9	5	111
Exposure/ Starvation	–	3	5	3	4	8	4	5	2	7	4	4	3	4	56
Wild Animal	2	2	2	1	1	–	3	2	–	2	2	3	2	2	24
Lightning	–	–	–	–	1	–	–	1	–	–	–	–	1	–	3
Storms	1	–	1	1	–	–	–	1	–	–	–	–	–	–	4
Avalanche/Mudslide	6	9	8	4	4	11	11	6	4	6	7	9	11	15	111
Total	**24**	**25**	**23**	**16**	**13**	**25**	**33**	**21**	**15**	**24**	**20**	**27**	**26**	**27**	**319**

Source: *Vital Statistics Quarterly Digest*, Volume 9, Number 4, June 2000; available on the Agency website (http://www.vs.gov.bc.ca/stats/quarter/q4_99/index.html).

TABLE 32

SUICIDE DEATHS BY MONTH AND GENDER

BRITISH COLUMBIA, 2000

	Male		Female		Total	
Month	Number	Percent	Number	Percent	Number	Percent
January	25	9.5	11	13.4	36	10.5
February	21	8.0	8	9.8	29	8.4
March	26	9.9	11	13.4	37	10.8
April	31	11.8	7	8.5	38	11.0
May	19	7.3	8	9.8	27	7.8
June	31	11.8	7	8.5	38	11.0
July	27	10.3	7	8.5	34	9.9
August	18	6.9	10	12.2	28	8.1
September	23	8.8	8	9.8	31	9.0
October	19	7.3	1	1.2	20	5.8
November	12	4.6	2	2.4	14	4.1
December	10	3.8	2	2.4	12	3.5
TOTAL	**262**	**100.0**	**82**	**100.0**	**344**	**100.0**

Note: Suicide Deaths – ICD-10 codes X60-X84, Y87.0.
Total percentage may not add up to 100 due to rounding.
Non-residents are excluded.

HIGHLIGHTS TO TABLE 32

- Of the 344 suicide deaths in the province in 2000, about three quarters (262) were male.
- The distribution of suicide deaths by month varies from year to year. In 2000, April and June were tied at 38 suicides each, with March and January following in third (37) and fourth place (36), respectively. December had the least (12) total suicides, followed by November with 14 suicides.
- Male deaths from suicide were highest in April and June and lowest in December. Female suicide deaths were highest in January and March, and lowest in October.

TABLE 32

SUICIDE DEATHS BY MONTH AND GENDER

BRITISH COLUMBIA, 2000

Month	Male		Female		Total	
	Number	Percent	Number	Percent	Number	Percent
January	25	9.5	11	13.4	36	10.5
February	21	8.0	8	9.8	29	8.4
March	26	9.9	11	13.4	37	10.8
April	31	11.8	7	8.5	38	11.0
May	19	7.3	8	9.8	27	7.8
June	31	11.8	7	8.5	38	11.0
July	27	10.3	7	8.5	34	9.9
August	18	6.9	10	12.2	28	8.1
September	23	8.8	8	9.8	31	9.0
October	19	7.3	1	1.2	20	5.8
November	12	4.6	2	2.4	14	4.1
December	10	3.8	2	2.4	12	3.5
TOTAL	**262**	**100.0**	**82**	**100.0**	**344**	**100.0**

Note: Suicide Deaths – ICD-10 codes X60-X84, Y87.0.
Total percentage may not add up to 100 due to rounding.
Non-residents are excluded.

HIGHLIGHTS TO TABLE 32

- Of the 344 suicide deaths in the province in 2000, about three quarters (262) were male.
- The distribution of suicide deaths by month varies from year to year. In 2000, April and June were tied at 38 suicides each, with March and January following in third (37) and fourth place (36), respectively. December had the least (12) total suicides, followed by November with 14 suicides.
- Male deaths from suicide were highest in April and June and lowest in December. Female suicide deaths were highest in January and March, and lowest in October.

STANDARDIZED MORTALITY RATIO – ALL CAUSES OF DEATH

Local Health Area		1995–1999 Observed Deaths	1995–1999 SMR	(p)	2000 Observed Deaths	2000 Expected Deaths	2000 SMR	(p)	95% Confidence Interval Lower		95% Confidence Interval Upper
001	Fernie	361	0.93		72	76.34	0.94		0.74	–	1.19
002	Cranbrook	803	1.06		181	149.86	1.21	*	1.04	–	1.40
003	Kimberley	383	0.97		84	78.90	1.06		0.85	–	1.32
004	Windermere	203	0.79	*	37	50.47	0.73		0.52	–	1.01
005	Creston	643	0.92	*	147	141.12	1.04		0.88	–	1.22
006/007	Kootenay Lake/Nelson	1,032	1.00		195	207.27	0.94		0.81	–	1.08
009	Castlegar	512	1.03		109	99.62	1.09		0.90	–	1.32
010	Arrow Lakes	244	1.05		57	46.93	1.21		0.92	–	1.57
011	Trail	1,061	1.12	*	216	189.69	1.14		0.99	–	1.30
012/013	Grand Forks/Kettle Valley	581	1.03		117	112.12	1.04		0.86	–	1.25
014	Southern Okanagan	1,114	0.96		199	231.72	0.86	*	0.74	–	0.99
015	Penticton	2,209	0.95	*	423	470.04	0.90	*	0.82	–	0.99
016	Keremeos	252	1.00		47	49.80	0.94		0.69	–	1.26
017	Princeton	239	1.20	*	59	39.44	1.50	*	1.14	–	1.93
018	Golden	183	1.08		37	33.20	1.11		0.78	–	1.54
019	Revelstoke	304	1.28	*	57	46.78	1.22		0.92	–	1.58
020	Salmon Arm	1,313	0.95		263	276.43	0.95		0.84	–	1.07
021	Armstrong–Spallumcheen	375	1.05		64	71.37	0.90		0.69	–	1.15
022	Vernon	2,530	1.03		516	490.39	1.05		0.96	–	1.15
023	Central Okanagan	5,564	0.88	*	1,115	1,272.12	0.88	*	0.83	–	0.93
024	Kamloops	3,357	1.10	*	751	602.54	1.25	*	1.16	–	1.34
025	100 Mile House	520	1.14	*	106	88.84	1.19		0.98	–	1.44
026	North Thompson	124	1.15		26	21.13	1.23		0.80	–	1.80
027	Cariboo–Chilcotin	729	1.23	*	131	116.00	1.13		0.94	–	1.34
028	Quesnel	737	1.15	*	154	125.92	1.22	*	1.04	–	1.43
029	Lillooet	173	1.34	*	40	25.58	1.56	*	1.12	–	2.13
030	South Cariboo	277	1.10		56	49.57	1.13		0.85	–	1.47
031	Merritt	416	1.27	*	97	64.46	1.50	*	1.22	–	1.84
032	Hope	444	1.32	*	82	66.59	1.23		0.98	–	1.53
033	Chilliwack	2,844	1.06	*	539	535.02	1.01		0.92	–	1.10
034	Abbotsford	3,961	0.96	*	835	824.10	1.01		0.95	–	1.08
035	Langley	3,483	1.01		717	685.30	1.05		0.97	–	1.13
036	Surrey	10,179	0.95	*	2,048	2,122.86	0.96		0.92	–	1.01
037	Delta	2,589	0.91	*	558	563.74	0.99		0.91	–	1.08
038	Richmond	3,859	0.80	*	807	958.40	0.84	*	0.78	–	0.90
040	New Westminster	2,507	1.14	*	524	443.83	1.18	*	1.08	–	1.29
041	Burnaby	6,755	0.98		1,315	1,383.91	0.95		0.90	–	1.00
042	Maple Ridge	2,272	1.12	*	459	402.33	1.14	*	1.04	–	1.25
043	Coquitlam	4,194	0.99		837	832.25	1.01		0.94	–	1.08
044	North Vancouver	3,881	0.97	*	804	800.55	1.00		0.94	–	1.08
045	West Vancouver–Bowen Is.	2,346	0.87	*	447	550.10	0.81	*	0.74	–	0.89
046	Sunshine Coast	1,139	1.02		236	222.12	1.06		0.93	–	1.21
047	Powell River	839	1.02		151	164.28	0.92		0.78	–	1.08
048	Howe Sound	523	1.09	*	105	92.00	1.14		0.93	–	1.38
049	Bella Coola Valley	90	1.40	*	18	12.54	1.44		0.85	–	2.27
050	Queen Charlotte	141	1.34	*	26	20.50	1.27		0.83	–	1.86
051	Snow Country	16	0.90		9	3.57	2.52	*	1.15	–	4.79
052	Prince Rupert	460	1.23	*	96	72.84	1.32	*	1.07	–	1.61
053	Upper Skeena	119	1.12		34	20.51	1.66	*	1.15	–	2.32
054	Smithers	346	1.01		80	66.69	1.20		0.95	–	1.49
055/093	Burns Lake/Eutsuk	233	1.22	*	35	37.48	0.93		0.65	–	1.30
056	Nechako	421	1.16	*	109	70.40	1.55	*	1.27	–	1.87
057	Prince George	2,265	1.20	*	442	365.98	1.21	*	1.10	–	1.33
059	Peace River South	726	1.10	*	166	130.29	1.27	*	1.09	–	1.48
060	Peace River North	550	1.02		99	104.62	0.95		0.77	–	1.15
061	Greater Victoria	11,262	1.02		2,171	2,257.55	0.96		0.92	–	1.00
062	Sooke	1,382	1.02		268	267.06	1.00		0.89	–	1.13
063	Saanich	2,700	0.85	*	544	637.31	0.85	*	0.78	–	0.93
064	Gulf Islands	651	0.86	*	148	151.57	0.98		0.83	–	1.15
065	Cowichan	1,875	0.98		379	381.54	0.99		0.90	–	1.10
066	Lake Cowichan	158	0.82	*	43	37.71	1.14		0.83	–	1.54
067	Ladysmith	856	1.19	*	166	144.04	1.15		0.98	–	1.34
068	Nanaimo	3,417	1.02		758	667.03	1.14	*	1.06	–	1.22
069	Qualicum	1,981	0.96	*	388	413.04	0.94		0.85	–	1.04
070	Alberni	1,247	1.21	*	251	204.33	1.23	*	1.08	–	1.39
071	Courtenay	2,100	1.06	*	410	392.89	1.04		0.94	–	1.15
072/084	Campbell River/V.I. West	1,178	1.08	*	250	214.25	1.17	*	1.03	–	1.32
075	Mission	1,198	1.18	*	240	200.47	1.20	*	1.05	–	1.36
076	Agassiz–Harrison	291	1.16	*	61	49.24	1.24		0.95	–	1.59
077	Summerland	731	1.04		125	141.91	0.88		0.73	–	1.05
078	Enderby	332	1.09		50	60.92	0.82		0.61	–	1.08
080	Kitimat	247	1.10		44	43.45	1.01		0.74	–	1.36
081	Fort Nelson	97	1.34	*	17	13.65	1.25		0.73	–	1.99
083	Central Coast	60	1.62	*	15	7.17	2.09	*	1.17	–	3.45
085	Vancouver Island North	283	1.16	*	72	47.25	1.52	*	1.19	–	1.92
087/094	Stikine/Telegraph Creek	42	0.93		6	8.98	0.67		0.24	–	1.45
088	Terrace	522	1.19	*	99	84.85	1.17		0.95	–	1.42
092	Nisga'a	50	1.30		8	7.46	1.07		0.46	–	2.11
161	Vancouver City Centre	3,611	1.17	*	625	623.87	1.00		0.92	–	1.08
162	Vancouver Downtown E. Side	3,048	1.53	*	506	398.71	1.27	*	1.16	–	1.38
163	Vancouver North East	2,750	0.90	*	584	606.74	0.96		0.89	–	1.04
164	Vancouver West Side	4,080	0.85	*	765	974.94	0.78	*	0.73	–	0.84
165	Vancouver Midtown	2,653	1.00		521	531.18	0.98		0.90	–	1.07
166	Vancouver South	4,122	0.90	*	817	923.40	0.88	*	0.83	–	0.95
039	**VANCOUVER TOTAL**	**20,357**	**1.01**		**3,819**	**4,058.84**	**0.94**	*	**0.91**	–	**0.97**
	N.S	60	–		7	–	–		–		–
	PROVINCIAL TOTAL	**136,498**	–		**27,273**	–	–		–		–

Note: SMR – Standardized Mortality Ratio. *Statistical testing indicates that observed deaths are significantly different from the expected deaths (p<0.05, two tailed). LHA 039 Vancouver Total may include unspecified Vancouver addresses. N.S. – Not Stated. Non-residents and gender unknown are excluded.

STANDARDIZED MORTALITY RATIO – ALL CAUSES OF DEATH

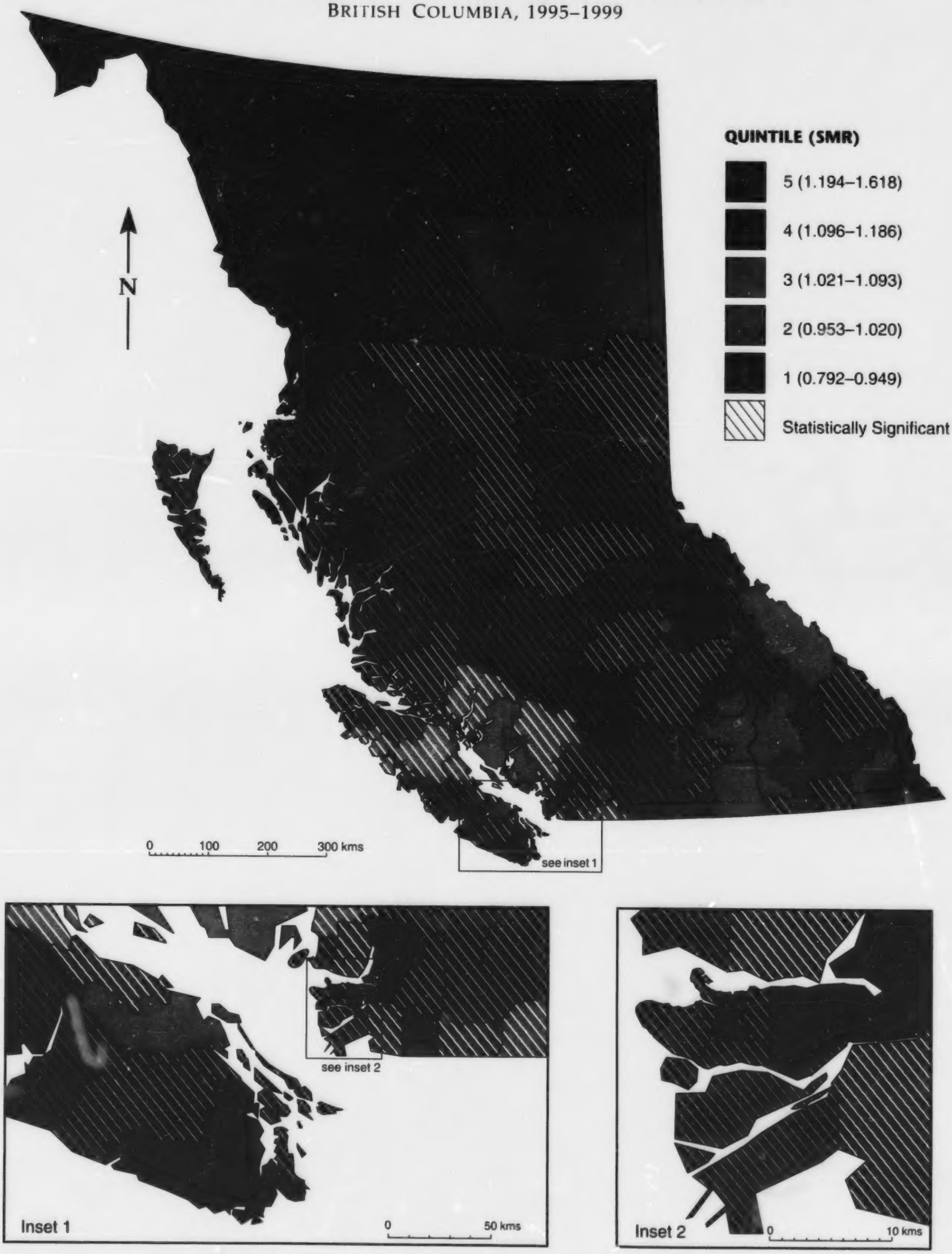
		1995–1999			2000						
		Observed			Observed	Expected			95% Confidence Interval		
Local Health Area		Deaths	SMR	(p)	Deaths	Deaths	SMR	(p)	Lower		Upper
001	Fernie	361	0.93		72	76.34	0.94		0.74	–	1.19
002	Cranbrook	803	1.06		181	149.86	1.21	*	1.04	–	1.40
003	Kimberley	383	0.97		84	78.90	1.06		0.85	–	1.32
004	Windermere	203	0.79	*	37	50.47	0.73		0.52	–	1.01
005	Creston	643	0.92	*	147	141.12	1.04		0.88	–	1.22
006/007	Kootenay Lake/Nelson	1,032	1.00		195	207.27	0.94		0.81	–	1.08
009	Castlegar	512	1.03		109	99.62	1.09		0.90	–	1.32
010	Arrow Lakes	244	1.05		57	46.93	1.21		0.92	–	1.57
011	Trail	1,061	1.12	*	216	189.69	1.14		0.99	–	1.30
012/013	Grand Forks/Kettle Valley	581	1.03		117	112.12	1.04		0.86	–	1.25
014	Southern Okanagan	1,114	0.96		199	231.72	0.86	*	0.74	–	0.99
015	Penticton	2,209	0.95	*	423	470.04	0.90	*	0.82	–	0.99
016	Keremeos	252	1.00		47	49.80	0.94		0.69	–	1.26
017	Princeton	239	1.20	*	59	39.44	1.50	*	1.14	–	1.93
018	Golden	183	1.08		37	33.20	1.11		0.78	–	1.54
019	Revelstoke	304	1.28	*	57	46.78	1.22		0.92	–	1.58
020	Salmon Arm	1,313	0.95		263	276.43	0.95		0.84	–	1.07
021	Armstrong–Spallumcheen	375	1.05		64	71.37	0.90		0.69	–	1.15
022	Vernon	2,530	1.03		516	490.39	1.05		0.96	–	1.15
023	Central Okanagan	5,564	0.88	*	1,115	1,272.12	0.88	*	0.83	–	0.93
024	Kamloops	3,357	1.10	*	751	602.54	1.25	*	1.16	–	1.34
025	100 Mile House	520	1.14	*	106	88.84	1.19		0.98	–	1.44
026	North Thompson	124	1.15		26	21.13	1.23		0.80	–	1.80
027	Cariboo–Chilcotin	729	1.23	*	131	116.00	1.13		0.94	–	1.34
028	Quesnel	737	1.15	*	154	125.92	1.22	*	1.04	–	1.43
029	Lillooet	173	1.34	*	40	25.58	1.56	*	1.12	–	2.13
030	South Cariboo	277	1.10		56	49.57	1.13		0.85	–	1.47
031	Merritt	416	1.27	*	97	64.46	1.50	*	1.22	–	1.84
032	Hope	444	1.32	*	82	66.59	1.23		0.98	–	1.53
033	Chilliwack	2,844	1.06	*	539	535.02	1.01		0.92	–	1.10
034	Abbotsford	3,961	0.96	*	835	824.10	1.01		0.95	–	1.08
035	Langley	3,483	1.01		717	685.30	1.05		0.97	–	1.13
036	Surrey	10,179	0.95	*	2,048	2,122.86	0.96		0.92	–	1.01
037	Delta	2,589	0.91	*	558	563.74	0.99		0.91	–	1.08
038	Richmond	3,859	0.80	*	807	958.40	0.84	*	0.78	–	0.90
040	New Westminster	2,507	1.14	*	524	443.83	1.18	*	1.08	–	1.29
041	Burnaby	6,755	0.98		1,315	1,383.91	0.95		0.90	–	1.00
042	Maple Ridge	2,272	1.12	*	459	402.33	1.14	*	1.04	–	1.25
043	Coquitlam	4,194	0.99		837	832.25	1.01		0.94	–	1.08
044	North Vancouver	3,881	0.97	*	804	800.55	1.00		0.94	–	1.08
045	West Vancouver–Bowen Is.	2,346	0.87	*	447	550.10	0.81	*	0.74	–	0.89
046	Sunshine Coast	1,139	1.02		236	222.12	1.06		0.93	–	1.21
047	Powell River	839	1.02		151	164.28	0.92		0.78	–	1.08
048	Howe Sound	523	1.09	*	105	92.00	1.14		0.93	–	1.38
049	Bella Coola Valley	90	1.40	*	18	12.54	1.44		0.85	–	2.27
050	Queen Charlotte	141	1.34	*	26	20.50	1.27		0.83	–	1.86
051	Snow Country	16	0.90		9	3.57	2.52	*	1.15	–	4.79
052	Prince Rupert	460	1.23	*	96	72.84	1.32	*	1.07	–	1.61
053	Upper Skeena	119	1.12		34	20.51	1.66	*	1.15	–	2.32
054	Smithers	346	1.01		80	66.69	1.20		0.95	–	1.49
055/093	Burns Lake/Eutsuk	233	1.22	*	35	37.48	0.93		0.65	–	1.30
056	Nechako	421	1.16	*	109	70.40	1.55	*	1.27	–	1.87
057	Prince George	2,265	1.20	*	442	365.98	1.21	*	1.10	–	1.33
059	Peace River South	726	1.10	*	166	130.29	1.27	*	1.09	–	1.48
060	Peace River North	550	1.02		99	104.62	0.95		0.77	–	1.15
061	Greater Victoria	11,262	1.02		2,171	2,257.55	0.96		0.92	–	1.00
062	Sooke	1,382	1.02		268	267.06	1.00		0.89	–	1.13
063	Saanich	2,700	0.85	*	544	637.31	0.85	*	0.78	–	0.93
064	Gulf Islands	651	0.86	*	148	151.57	0.98		0.83	–	1.15
065	Cowichan	1,875	0.98		379	381.54	0.99		0.90	–	1.10
066	Lake Cowichan	158	0.82	*	43	37.71	1.14		0.83	–	1.54
067	Ladysmith	856	1.19	*	166	144.04	1.15		0.98	–	1.34
068	Nanaimo	3,417	1.02		758	667.03	1.14	*	1.06	–	1.22
069	Qualicum	1,981	0.96	*	388	413.04	0.94		0.85	–	1.04
070	Alberni	1,247	1.21	*	251	204.33	1.23	*	1.08	–	1.39
071	Courtenay	2,100	1.06	*	410	392.89	1.04		0.94	–	1.15
072/084	Campbell River/V.I. West	1,178	1.08	*	250	214.25	1.17	*	1.03	–	1.32
075	Mission	1,198	1.18	*	240	200.47	1.20	*	1.05	–	1.36
076	Agassiz–Harrison	291	1.16	*	61	49.24	1.24		0.95	–	1.59
077	Summerland	731	1.04		125	141.91	0.88		0.73	–	1.05
078	Enderby	332	1.09		50	60.92	0.82		0.61	–	1.08
080	Kitimat	247	1.10		44	43.45	1.01		0.74	–	1.36
081	Fort Nelson	97	1.34	*	17	13.65	1.25		0.73	–	1.99
083	Central Coast	60	1.62	*	15	7.17	2.09	*	1.17	–	3.45
085	Vancouver Island North	283	1.16	*	72	47.25	1.52	*	1.19	–	1.92
087/094	Stikine/Telegraph Creek	42	0.93		6	8.98	0.67		0.24	–	1.45
088	Terrace	522	1.19	*	99	84.85	1.17		0.95	–	1.42
092	Nisga'a	50	1.30		8	7.46	1.07		0.46	–	2.11
161	Vancouver City Centre	3,611	1.17	*	625	623.87	1.00		0.92	–	1.08
162	Vancouver Downtown E. Side	3,048	1.53	*	506	398.71	1.27	*	1.16	–	1.38
163	Vancouver North East	2,750	0.90	*	584	606.74	0.96		0.89	–	1.04
164	Vancouver West Side	4,080	0.85	*	765	974.94	0.78	*	0.73	–	0.84
165	Vancouver Midtown	2,653	1.00		521	531.18	0.98		0.90	–	1.07
166	Vancouver South	4,122	0.90	*	817	923.40	0.88	*	0.83	–	0.95
039	**VANCOUVER TOTAL**	**20,357**	**1.01**		**3,819**	**4,058.84**	**0.94**	*	**0.91**	–	**0.97**
	N.S	60	–		7	–	–		–		–
	PROVINCIAL TOTAL	**136,498**	–		**27,273**	–	–		–		–

Note: SMR – Standardized Mortality Ratio. *Statistical testing indicates that observed deaths are significantly different from the expected deaths (p<0.05, two tailed). LHA 039 Vancouver Total may include unspecified Vancouver addresses. N.S. – Not Stated. Non-residents and gender unknown are excluded.

FIGURE 18

ALL CAUSES OF DEATH BY LOCAL HEALTH AREA

BRITISH COLUMBIA, 1995–1999


N
QUINTILE (SMR)
5 (1.194–1.618)
4 (1.096–1.186)
3 (1.021–1.093)
2 (0.953–1.020)
1 (0.792–0.949)
Statistically Significant
0 100 200 300 kms
see inset 1
see inset 2
Inset 1
0 50 kms
Inset 2
0 10 kms

Note: SMR – Standardized Mortality Ratio. Refer to Figure 1 to clarify geographical location of Local Health Areas.

HIGHLIGHTS TO TABLE 33/FIGURE 18

- There were 27,273 deaths in the province in 2000, and a total of 136,498 deaths in the 1995–1999 period from all causes of death.
- There were 21 Local Health Areas (LHAs) with Standardized Mortality Ratios (SMR) for all causes of death which were statistically significant and high in 2000. The five highest (with number of deaths in parentheses) were:

051	Snow Country	2.52	(9)
083	Central Coast	2.09	(15)
053	Upper Skeena	1.66	(34)
029	Lillooet	1.56	(40)
056	Nechako	1.55	(109)

- There were 8 LHAs with SMR values for all causes that were statistically significant and low in 2000. The five lowest (with number of deaths in parentheses) were:

164	Vancouver West Side	0.78	(765)
045	West Vancouver–Bowen Is.	0.81	(447)
038	Richmond	0.84	(807)
063	Saanich	0.85	(544)
014	Southern Okanagan	0.86	(199)

- There were 33 LHAs with Standardized Mortality Ratios (SMR) for all causes of death which were statistically significant and high in 1995–1999. The six highest (with number of deaths in parentheses) were:

083	Central Coast	1.62	(60)
162	Vancouver Downtown E. Side	1.53	(3,048)
049	Bella Coola Valley	1.40	(90)
029	Lillooet	1.34	(173)
050	Queen Charlotte	1.34	(141)
081	Fort Nelson	1.34	(97)

- There were 17 LHAs with SMR values for all causes that were statistically significant and low in 1995–1999. The five lowest (with number of deaths in parentheses) were:

004	Windermere	0.79	(203)
038	Richmond	0.80	(3,859)
066	Lake Cowichan	0.82	(158)
164	Vancouver West Side	0.85	(4,080)
063	Saanich	0.85	(2,700)

TABLE 34

POTENTIAL YEARS OF LIFE LOST AND AGE STANDARDIZED MORTALITY RATES BY SELECTED CAUSES OF DEATH

BRITISH COLUMBIA, 2000

		PYLL (Age Under 75 Years)					Mortality (All Ages)		
Cause of Death	ICD-10 Code(s)	No. of Deaths	Total PYLL	Percent of PYLL	Average PYLL	PYLLSR	No. of Deaths	Percent of Deaths	ASMR
Infectious/parasitic diseases	A00–B99	265	6,344	3.5	23.9	1.55	410	1.5	0.87
– HIV disease	B20–B24	121	3,728	2.1	30.8	0.93	122	0.4	0.28
Cancer (malignant neoplasms)	C00–C97	4,103	53,099	29.5	12.9	12.37	7,507	27.5	15.66
– Lung	C33–C34	1,214	13,540	7.5	11.2	3.10	1,944	7.1	4.14
– Female breast	C50.0–C50.9	330	5,665	3.1	17.2	2.53	544	2.0	2.08
– Colorectal	C18–C21	358	4,155	2.3	11.6	0.96	740	2.7	1.52
Endocrine/nutritional/metabolic dis.	E00–E90	343	4,233	2.4	12.3	1.02	874	3.2	1.75
– Diabetes	E10–E14	264	3,035	1.7	11.5	0.71	689	2.5	1.38
Circulatory system diseases	I00–I99	2,440	26,138	14.5	10.7	6.13	9,580	35.1	18.48
– Ischemic heart disease	I20–I25	1,402	14,755	8.2	10.5	3.38	4,809	17.6	9.37
– Cerebrovascular disease	I60–I69	432	4,190	2.3	9.7	0.99	2,207	8.1	4.20
Respiratory system diseases	J00–J99	571	5,078	2.8	8.9	1.21	2,714	10.0	5.17
– Pneumonia/influenza	J10–J18.1, J18.8–J18.9	143	1,583	0.9	11.1	0.37	1,136	4.2	2.09
– Chronic lung disease	J41–J44	310	2,020	1.1	6.5	0.49	1,163	4.3	2.28
Digestive system diseases	K00–K93	484	7,057	3.9	14.6	1.62	1,088	4.0	2.18
– Chronic liver disease/ cirrhosis	K70, K73–K74, K76.0–K76.1	252	4,065	2.3	16.1	0.90	296	1.1	0.64
Congenital anomalies	Q00–Q99	92	4,800	2.7	52.2	1.52	104	0.4	0.28
Perinatal conditions	P00–P96	81	6,032	3.4	74.5	2.18	81	0.3	0.28
External causes	V01–Y98	1,150	39,163	21.8	34.1	10.43	1,493	5.5	3.40
– Motor vehicle accidents[1]	V02–V04, ...Y85.0	302	11,444	6.4	37.9	3.13	342	1.3	0.83
– Suicide	X60–X84, Y87.0	319	10,703	5.9	33.6	2.83	344	1.3	0.82
Other causes[2]		1,289	28,012	15.6	21.7	7.27	3,422	12.5	6.87
All causes		**10,818**	**179,954**	**100.0**	**16.6**	**45.30**	**27,273**	**100.0**	**54.95**

Note: PYLL – Potential Years of Life Lost, denotes the total number of years of life lost from an established life expectancy (75 years).
PYLLSR – PYLL Standardized Rate per 1,000 standard population (Canada 1991 Census).
ASMR – Age Standardized Mortality Rate per 10,000 standard population (Canada 1991 Census).

[1] ICD-10 codes V02–V04, V09, V12–V14, V19.0–V19.6, V20–V79, V80.3–V80.5, V81.0–V81.1, V82.0–V82.1, V83–V89.0, V89.2, V89.9, Y85.0.

[2] Other causes includes undetermined and pending.

Total percentage may not add up to 100 due to rounding. Non-residents and gender unknown are excluded.

The output from ICD-10 mortality coding and underlying cause of death selection was modified in British Columbia to reflect the intent of certifiers in this jurisdiction and to provide greater continuity over time. Data using the standard ICD-10 rules for such categories as pneumonia/influenza, diabetes, or cancer should not be compared to the numbers shown above.

TABLE 34

POTENTIAL YEARS OF LIFE LOST AND AGE STANDARDIZED MORTALITY RATES BY SELECTED CAUSES OF DEATH

BRITISH COLUMBIA, 2000

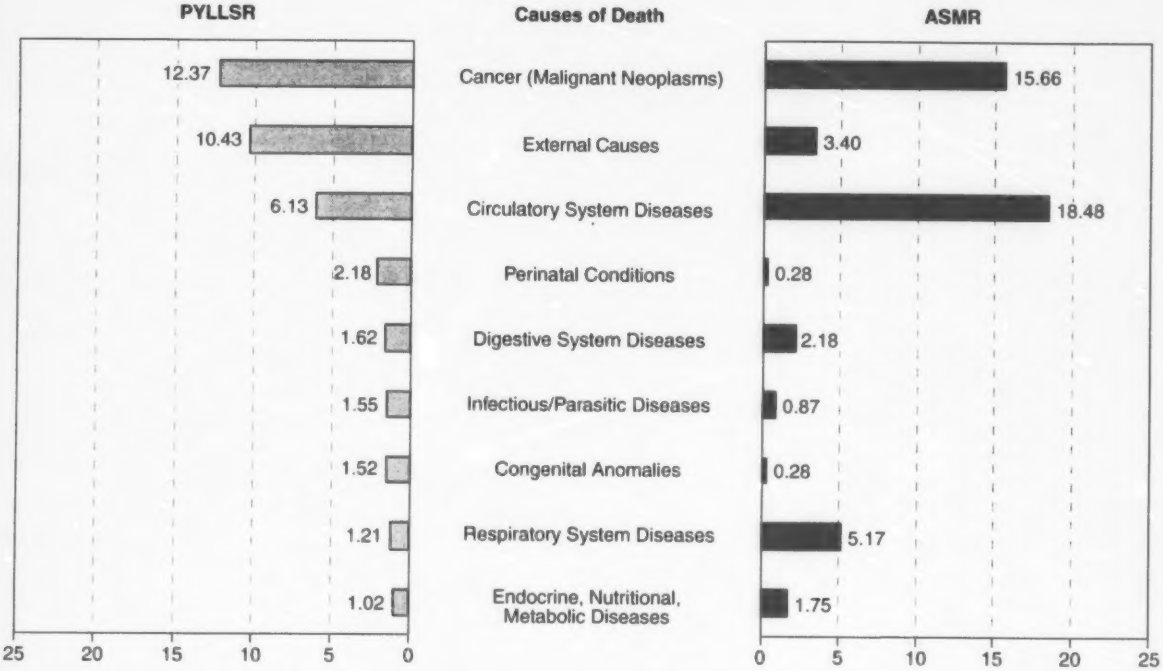
		PYLL (Age Under 75 Years)					Mortality (All Ages)		
Cause of Death	ICD-10 Code(s)	No. of Deaths	Total PYLL	Percent of PYLL	Average PYLL	PYLLSR	No. of Deaths	Percent of Deaths	ASMR
Infectious/parasitic diseases	A00–B99	265	6,344	3.5	23.9	1.55	410	1.5	0.87
– HIV disease	B20–B24	121	3,728	2.1	30.8	0.93	122	0.4	0.28
Cancer (malignant neoplasms)	C00–C97	4,103	53,099	29.5	12.9	12.37	7,507	27.5	15.66
– Lung	C33–C34	1,214	13,540	7.5	11.2	3.10	1,944	7.1	4.14
– Female breast	C50.0–C50.9	330	5,665	3.1	17.2	2.53	544	2.0	2.08
– Colorectal	C18–C21	358	4,155	2.3	11.6	0.96	740	2.7	1.52
Endocrine/nutritional/metabolic dis.	E00–E90	343	4,233	2.4	12.3	1.02	874	3.2	1.75
– Diabetes	E10–E14	264	3,035	1.7	11.5	0.71	689	2.5	1.38
Circulatory system diseases	I00–I99	2,440	26,138	14.5	10.7	6.13	9,580	35.1	18.48
– Ischemic heart disease	I20–I25	1,402	14,755	8.2	10.5	3.38	4,809	17.6	9.37
– Cerebrovascular disease	I60–I69	432	4,190	2.3	9.7	0.99	2,207	8.1	4.20
Respiratory system diseases	J00–J99	571	5,078	2.8	8.9	1.21	2,714	10.0	5.17
– Pneumonia/influenza	J10–J18.1, J18.8–J18.9	143	1,583	0.9	11.1	0.37	1,136	4.2	2.09
– Chronic lung disease	J41–J44	310	2,020	1.1	6.5	0.49	1,163	4.3	2.28
Digestive system diseases	K00–K93	484	7,057	3.9	14.6	1.62	1,088	4.0	2.18
– Chronic liver disease/ cirrhosis	K70, K73–K74, K76.0–K76.1	252	4,065	2.3	16.1	0.90	296	1.1	0.64
Congenital anomalies	Q00–Q99	92	4,800	2.7	52.2	1.52	104	0.4	0.28
Perinatal conditions	P00–P96	81	6,032	3.4	74.5	2.18	81	0.3	0.28
External causes	V01–Y98	1,150	39,163	21.8	34.1	10.43	1,493	5.5	3.40
– Motor vehicle accidents[1]	V02–V04, ...Y85.0	302	11,444	6.4	37.9	3.13	342	1.3	0.83
– Suicide	X60–X84, Y87.0	319	10,703	5.9	33.6	2.83	344	1.3	0.82
Other causes[2]		1,289	28,012	15.6	21.7	7.27	3,422	12.5	6.87
All causes		**10,818**	**179,954**	**100.0**	**16.6**	**45.30**	**27,273**	**100.0**	**54.95**

Note: PYLL – Potential Years of Life Lost, denotes the total number of years of life lost from an established life expectancy (75 years).
PYLLSR – PYLL Standardized Rate per 1,000 standard population (Canada 1991 Census).
ASMR – Age Standardized Mortality Rate per 10,000 standard population (Canada 1991 Census).
[1] ICD-10 codes V02–V04, V09, V12–V14, V19.0–V19.6, V20–V79, V80.3–V80.5, V81.0–V81.1, V82.0–V82.1, V83–V89.0, V89.2, V89.9, Y85.0.
[2] Other causes includes undetermined and pending.
Total percentage may not add up to 100 due to rounding. Non-residents and gender unknown are excluded.
The output from ICD-10 mortality coding and underlying cause of death selection was modified in British Columbia to reflect the intent of certifiers in this jurisdiction and to provide greater continuity over time. Data using the standard ICD-10 rules for such categories as pneumonia/influenza, diabetes, or cancer should not be compared to the numbers shown above.

FIGURE 19

POTENTIAL YEARS OF LIFE LOST AND AGE STANDARDIZED MORTALITY RATES BY SELECTED CAUSES OF DEATH

BRITISH COLUMBIA, 2000



Note: PYLLSR – Potential Years of Life Lost Standardized Rate (age under 75 years) per 1,000 standard population.
ASMR – Age Standardized Mortality Rate per 10,000 standard population.

HIGHLIGHTS TO TABLE 34/FIGURE 19

- Out of the 27,273 deaths in B.C. in 2000, 10,818 (39.7%) were under age 75. The proportion of 'premature' deaths varied considerably by cause of death:
  - 1,150 deaths from accidents and violence were premature (77.0% of the 1,493 deaths from this cause)
  - 4,103 cancer deaths were premature (54.7% of 7,507 deaths)
  - 2,440 circulatory system deaths were premature (25.5% of 9,580 deaths)
  - 571 respiratory system deaths were premature (21.0% of 2,714 deaths).
- Potential Years of Life Lost (PYLL) is used as an alternative measure of mortality to reflect the impact of deaths that occur at younger ages. For every death under the age of 75, there are potential years of life lost. A comparison of deaths from infectious/parasitic diseases and perinatal conditions illustrates the value of PYLL as an indicator. Infectious/parasitic diseases were responsible for 265 deaths and 6,344 potential years of life lost in 2000. In contrast, the 81 deaths from perinatal conditions resulted in almost the same number of PYLL (6,032) since almost all of these deaths were infants.
- In 2000, an average of 16.6 years of life were lost per death under 75 years of age. The causes of death shown in the table that had the highest average Potential Years of Life Lost (PYLL) were:
  - 74.5 years lost per death due to perinatal conditions
  - 52.2 years lost per death due to congenital anomalies
  - 34.1 years lost per death due to external causes
  - 23.9 years lost per death due to infectious/parasitic diseases
- The Potential Years of Life Lost Standardized Rate (PYLLSR) for deaths from all causes in 2000 was 45.30 potential years of life lost per 1,000 standard population.

TABLE 35

POTENTIAL YEARS OF LIFE LOST BY AGE GROUP AND MAJOR CAUSES OF DEATH (AGE UNDER 75 YEARS)

BRITISH COLUMBIA, 2000

		Male				Female				Total			
Causes of Death	ICD-10 Code(s)	Deaths	PYLL	PYLL %	PYLLSR	Deaths	PYLL	PYLL %	PYLLSR	Deaths	PYLL	PYLL %	PYLLSR
Under 15 Years Old													
Perinatal conditions	P00–P96	47	3,499	37.9	2.45	34	2,533	36.5	1.88	81	6,032	37.3	2.18
Congenital anomalies	Q00–Q99	29	2,088	22.6	1.37	19	1,392	20.1	1.00	48	3,480	21.5	1.19
Cancer (malignant neoplasms)	C00–C97	9	599	6.5	0.34	6	390	5.6	0.23	15	989	6.1	0.29
Motor vehicle accidents[1]	V02–V04,...Y85.0	5	337	3.6	0.19	5	337	4.9	0.20	10	674	4.2	0.20
Sudden infant death syndrome (SIDS)	R95	7	522	5.6	0.37	2	149	2.1	0.11	9	671	4.1	0.24
Infectious/parasitic diseases	A00–B99	1	72	0.8	0.04	1	75	1.1	0.06	2	147	0.9	0.05
Other causes[2]		30	2,118	22.9	1.36	30	2,063	29.7	1.33	60	4,181	25.9	1.34
All causes		128	9,234	100.0	6.13	97	6,938	100.0	4.81	225	16,171	100.0	5.49
15–24 Years Old													
Motor vehicle accidents[1]	V02–V04,...Y85.0	59	3,268	27.5	1.77	26	1,440	27.5	0.81	85	4,708	27.5	1.30
Suicide	X60–X84, Y87.0	39	2,118	17.8	1.17	8	445	8.5	0.25	47	2,563	15.0	0.72
Cancer (malignant neoplasms)	C00–C97	11	598	5.0	0.33	10	560	10.7	0.31	21	1,158	6.8	0.32
Accidental poisoning	X40–X49	9	488	4.1	0.27	4	215	4.1	0.13	13	703	4.1	0.20
Homicide	X85–Y09, Y87.1	10	555	4.7	0.30	2	115	2.2	0.06	12	670	3.9	0.18
Nervous system diseases	G00–G99	3	163	1.4	0.09	3	173	3.3	0.09	6	335	2.0	0.09
Other causes[2]		86	4,695	39.5	2.59	42	2,280	43.6	1.31	128	6,975	40.8	1.96
All causes		217	11,883	100.0	6.52	95	5,228	100.0	2.97	312	17,110	100.0	4.78
25–44 Years Old													
Cancer (malignant neoplasms)	C00–C97	91	3,323	10.3	1.73	153	5,523	33.2	2.82	244	8,845	18.1	2.28
Accidental poisoning	X40–X49	116	4,485	13.9	2.49	38	1,495	9.0	0.84	154	5,980	12.2	1.67
Suicide	X60–X84, Y87.0	118	4,575	14.2	2.55	26	1,025	6.2	0.58	144	5,600	11.4	1.57
Motor vehicle accidents[1]	V02–V04,...Y85.0	79	3,238	10.0	1.91	27	1,068	6.4	0.61	106	4,305	8.8	1.27
HIV disease	B20–B24	53	2,003	6.2	1.07	15	558	3.4	0.29	68	2,560	5.2	0.68
Ischemic heart disease	I20–I25	40	1,370	4.2	0.65	12	435	2.6	0.23	52	1,805	3.7	0.44
Other causes[2]		354	13,330	41.2	7.17	173	6,518	39.2	3.53	527	19,848	40.6	5.36
All causes		851	32,323	100.0	17.57	444	16,620	100.0	8.92	1,295	48,943	100.0	13.25
45–74 Years Old													
Cancer (malignant neoplasms)	C00–C97	2,076	21,820	36.4	10.01	1,747	20,288	53.7	8.98	3,823	42,108	43.1	9.48
Ischemic heart disease	I20–I25	986	10,050	16.8	4.58	364	2,900	7.7	1.33	1,350	12,950	13.3	2.94
Cerebrovascular disease	I60–I69	243	2,018	3.4	0.95	170	1,480	3.9	0.67	413	3,498	3.6	0.81
Chronic lung disease	J41–J44	188	1,285	2.1	0.63	122	735	1.9	0.35	310	2,020	2.1	0.49
Diabetes	E10–E14	158	1,520	2.5	0.70	88	835	2.2	0.36	246	2,355	2.4	0.53
Pneumonia/influenza	J10–J18.1, J18.8–J18.9	89	823	1.4	0.37	46	440	1.2	0.20	135	1,263	1.3	0.28
Other causes[2]		1,723	22,403	37.4	9.69	986	11,135	29.4	4.81	2,709	33,538	34.3	7.24
All causes		5,463	59,918	100.0	26.93	3,523	37,813	100.0	16.70	8,986	97,730	100.0	21.77

Note: PYLL – Potential Years of Life Lost, denotes the total number of years of life lost from an established life expectancy (75 years).
PYLLSR – PYLL Standardized Rate per 1,000 standard population (Canada 1991 Census).
[1] ICD-10 codes V02–V04, V09, V12–V14, V19.0–V19.6, V20–V79, V80.3–V80.5, V81.0–V81.1, V82.0–V82.1, V83–V89.0, V89.2, V89.9, Y85.0.
[2] Other causes includes undetermined and pending.
Total percentage may not add up to 100 due to rounding. Non-residents and gender unknown are excluded.
The output from ICD-10 mortality coding and underlying cause of death selection was modified in British Columbia to reflect the intent of certifiers in this jurisdiction and to provide greater continuity over time. Data using the standard ICD-10 rules for such categories as pneumonia/influenza, diabetes, or cancer should not be compared to the numbers shown above.

TABLE 35

POTENTIAL YEARS OF LIFE LOST BY AGE GROUP AND MAJOR CAUSES OF DEATH (AGE UNDER 75 YEARS)

BRITISH COLUMBIA, 2000

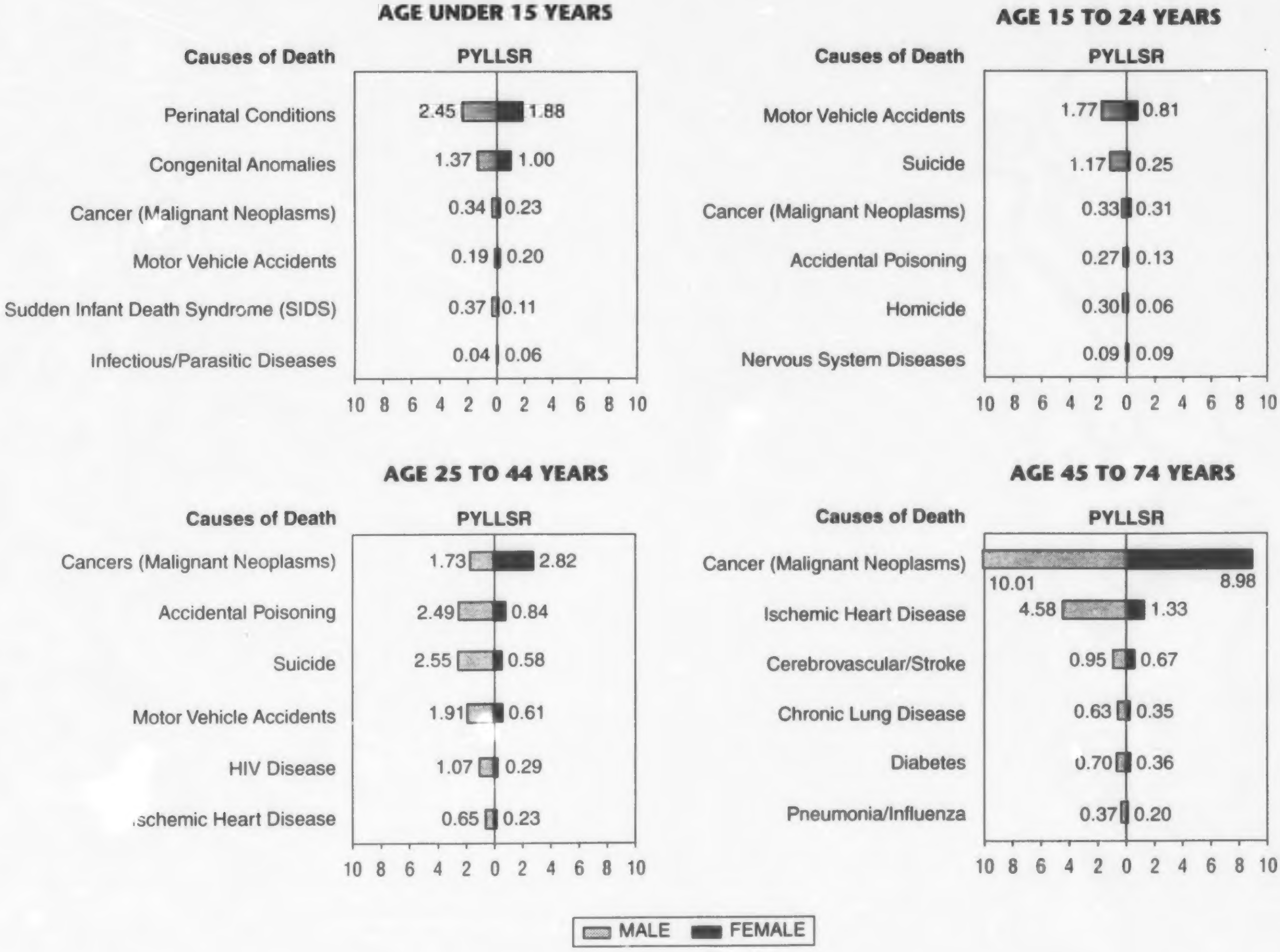
		Male				Female				Total			
Causes of Death	ICD-10 Code(s)	Deaths	PYLL	PYLL %	PYLLSR	Deaths	PYLL	PYLL %	PYLLSR	Deaths	PYLL	PYLL %	PYLLSR
Under 15 Years Old													
Perinatal conditions	P00–P96	47	3,499	37.9	2.45	34	2,533	36.5	1.88	81	6,032	37.3	2.18
Congenital anomalies	Q00–Q99	29	2,088	22.6	1.37	19	1,392	20.1	1.00	48	3,480	21.5	1.19
Cancer (malignant neoplasms)	C00–C97	9	599	6.5	0.34	6	390	5.6	0.23	15	989	6.1	0.29
Motor vehicle accidents[1]	V02–V04,...Y85.0	5	337	3.6	0.19	5	337	4.9	0.20	10	674	4.2	0.20
Sudden infant death syndrome (SIDS)	R95	7	522	5.6	0.37	2	149	2.1	0.11	9	671	4.1	0.24
Infectious/parasitic diseases	A00–B99	1	72	0.8	0.04	1	75	1.1	0.06	2	147	0.9	0.05
Other causes[2]		30	2,118	22.9	1.36	30	2,063	29.7	1.33	60	4,181	25.9	1.34
All causes		128	9.234	100.0	6.13	97	6,938	100.0	4.81	225	16,171	100.0	5.49
15–24 Years Old													
Motor vehicle accidents[1]	V02–V04,...Y85.0	59	3,268	27.5	1.77	26	1,440	27.5	0.81	85	4,708	27.5	1.30
Suicide	X60–X84, Y87.0	39	2,118	17.8	1.17	8	445	8.5	0.25	47	2,563	15.0	0.72
Cancer (malignant neoplasms)	C00–C97	11	598	5.0	0.33	10	560	10.7	0.31	21	1,158	6.8	0.32
Accidental poisoning	X40–X49	9	488	4.1	0.27	4	215	4.1	0.13	13	703	4.1	0.20
Homicide	X85–Y09, Y87.1	10	555	4.7	0.30	2	115	2.2	0.06	12	670	3.9	0.18
Nervous system diseases	G00–G99	3	163	1.4	0.09	3	173	3.3	0.09	6	335	2.0	0.09
Other causes[2]		86	4,695	39.5	2.59	42	2,280	43.6	1.31	128	6,975	40.8	1.96
All causes		217	11,883	100.0	6.52	95	5,228	100.0	2.97	312	17,110	100.0	4.78
25–44 Years Old													
Cancer (malignant neoplasms)	C00–C97	91	3,323	10.3	1.73	153	5,523	33.2	2.82	244	8,845	18.1	2.28
Accidental poisoning	X40–X49	116	4,485	13.9	2.49	38	1,495	9.0	0.84	154	5,980	12.2	1.67
Suicide	X60–X84, Y87.0	118	4,575	14.2	2.55	26	1,025	6.2	0.58	144	5,600	11.4	1.57
Motor vehicle accidents[1]	V02–V04,...Y85.0	79	3,238	10.0	1.91	27	1,068	6.4	0.61	106	4,305	8.8	1.27
HIV disease	B20–B24	53	2,003	6.2	1.07	15	558	3.4	0.29	68	2,560	5.2	0.68
Ischemic heart disease	I20–I25	40	1,370	4.2	0.65	12	435	2.6	0.23	52	1,805	3.7	0.44
Other causes[2]		354	13,330	41.2	7.17	173	6,518	39.2	3.53	527	19,848	40.6	5.36
All causes		851	32,323	100.0	17.57	444	16,620	100.0	8.92	1,295	48,943	100.0	13.25
45–74 Years Old													
Cancer (malignant neoplasms)	C00–C97	2,076	21,820	36.4	10.01	1,747	20,288	53.7	8.98	3,823	42,108	43.1	9.48
Ischemic heart disease	I20–I25	986	10,050	16.8	4.58	364	2,900	7.7	1.33	1,350	12,950	13.3	2.94
Cerebrovascular disease	I60–I69	243	2,018	3.4	0.95	170	1,480	3.9	0.67	413	3,498	3.6	0.81
Chronic lung disease	J41–J44	188	1,285	2.1	0.63	122	735	1.9	0.35	310	2,020	2.1	0.49
Diabetes	E10–E14	158	1,520	2.5	0.70	88	835	2.2	0.36	246	2,355	2.4	0.53
Pneumonia/influenza	J10–J18.1, J18.8–J18.9	89	823	1.4	0.37	46	440	1.2	0.20	135	1,263	1.3	0.28
Other causes[2]		1,723	22,403	37.4	9.69	986	11,135	29.4	4.81	2,709	33,538	34.3	7.24
All causes		5,463	59,918	100.0	26.93	3,523	37,813	100.0	16.70	8,986	97,730	100.0	21.77

Note: PYLL – Potential Years of Life Lost, denotes the total number of years of life lost from an established life expectancy (75 years).
PYLLSR – PYLL Standardized Rate per 1,000 standard population (Canada 1991 Census).
[1] ICD-10 codes V02–V04, V09, V12–V14, V19.0–V19.6, V20–V79, V80.3–V80.5, V81.0–V81.1, V82.0–V82.1, V83–V89.0, V89.2, V89.9, Y85.0.
[2] Other causes includes undetermined and pending.
Total percentage may not add up to 100 due to rounding. Non-residents and gender unknown are excluded.
The output from ICD-10 mortality coding and underlying cause of death selection was modified in British Columbia to reflect the intent of certifiers in this jurisdiction and to provide greater continuity over time. Data using the standard ICD-10 rules for such categories as pneumonia/influenza, diabetes, or cancer should not be compared to the numbers shown above.

FIGURE 20

POTENTIAL YEARS OF LIFE LOST STANDARDIZED RATES BY AGE GROUP AND GENDER MAJOR CAUSES OF DEATH (AGE UNDER 75 YEARS)

BRITISH COLUMBIA, 2000



AGE UNDER 15 YEARS

AGE 15 TO 24 YEARS

AGE 25 TO 44 YEARS

AGE 45 TO 74 YEARS

Note: Causes of death are ordered by total deaths (Table 35).
PYLLSR–PYLL Standardized Rate per 1,000 population.

HIGHLIGHTS TO TABLE 35/FIGURE 20

- In 2000, there were 225 deaths in the under 15 years old age group, 128 young men and 97 young women. These deaths resulted in a total of 16,171 potential years of life lost (PYLL). Perinatal conditions and congenital anomalies accounted for 37.3% and 21.5% of PYLL, respectively. The Potential Years of Life Lost Standardized Rate (PYLLSR) in this age group was 5.49 years of life lost per 1,000 standard population in the age group.
- In the 15–24 age group, a total of 17,110 potential years of life were lost from the 312 deaths in 2000, resulting in a PYLLSR of 4.78 potential years of life lost per 1,000 standard population in this age group. Males accounted for 217 of these deaths and had a considerably higher PYLLSR (6.52) than females (2.97). Motor vehicle accidents were a major cause of death in this age group, responsible for 85 deaths and 4,708 PYLL.
- In the 'prime of life' 25–44 age group, there were 1,295 deaths in 2000, producing a total of 48,943 potential years of life lost and a PYLL standardized rate of 13.25 PYLL per 1,000 standard population in this age group. Among the 851 male deaths, the highest PYLL standardized rates were for suicide (2.55) and accidental poisoning (2.49). For the 444 female deaths, the highest PYLLSR was for cancer (2.82). The PYLLSR for males (17.57) was almost twice the rate for females (8.92).
- In the 45–74 age group, the 8,986 deaths resulted in a total of 97,730 potential years of life lost in 2000, and a PYLLSR of 21.77 per 1,000 standard population in this age group. Cancer was the leading cause of death in this category; the 3,823 deaths from cancer were responsible for a total of 42,108 potential years of life lost, and a PYLLSR of 9.48. As in other age groups, the PYLLSR for males (26.93) was considerably higher than for females (16.70).

VITAL STATISTICS INFORMATION BOX

INFORMATION BOX FOR TABLE 37

DEATHS DUE TO MEDICALLY TREATABLE DISEASES BY SELECTED CAUSES AND GENDER

BRITISH COLUMBIA, 1995–1999

		1995–1999					
		Male		Female		Total	
Cause of Death	ICD-9 Code(s)	Number	Percent	Number	Percent	Number	Percent
Hypertensive disease	401–405	57	20.2	24	7.0	81	13.0
Cervical cancer	180	–	–	146	42.7	146	23.4
Pneumonia and unqualified bronchitis	481–486, 490	88	31.2	55	16.1	143	22.9
Tuberculosis	010–018, 137	8	2.8	9	2.6	17	2.7
Asthma	493	14	5.0	15	4.4	29	4.6
Chronic rheumatic heart disease	393–398	7	2.5	6	1.8	13	2.1
Acute respiratory infections and influenza	460–466, 487	5	1.8	2	0.6	7	1.1
Bacterial infections*	001–005, ...730	76	27.0	70	20.5	146	23.4
Hodgkin's disease	201	4	1.4	2	–	6	1.0
Abdominal hernias, cholecystitis and cholelithiasis, appendicitis	540–543, 550–553, 574, 575	23	8.2	12	3.5	35	5.6
Deficiency anemias	280, 281	–	–	1	0.3	1	0.2
TOTAL		**282**	**100.0**	**342**	**100.0**	**624**	**100.0**

Note: Medically Treatable Diseases – based on Charlton's definition (see glossary).
*ICD-9 codes include 001–005, 020–041, 320, 382, 383, 390–392, 680–686, 711, 730.
Total percentage may not add up to 100 due to rounding. Non-residents are excluded.

HIGHLIGHTS TO TABLE 35/FIGURE 20

- In 2000, there were 225 deaths in the under 15 years old age group, 128 young men and 97 young women. These deaths resulted in a total of 16,171 potential years of life lost (PYLL). Perinatal conditions and congenital anomalies accounted for 37.3% and 21.5% of PYLL, respectively. The Potential Years of Life Lost Standardized Rate (PYLLSR) in this age group was 5.49 years of life lost per 1,000 standard population in the age group.
- In the 15–24 age group, a total of 17,110 potential years of life were lost from the 312 deaths in 2000, resulting in a PYLLSR of 4.78 potential years of life lost per 1,000 standard population in this age group. Males accounted for 217 of these deaths and had a considerably higher PYLLSR (6.52) than females (2.97). Motor vehicle accidents were a major cause of death in this age group, responsible for 85 deaths and 4,708 PYLL.
- In the 'prime of life' 25–44 age group, there were 1,295 deaths in 2000, producing a total of 48,943 potential years of life lost and a PYLL standardized rate of 13.25 PYLL per 1,000 standard population in this age group. Among the 851 male deaths, the highest PYLL standardized rates were for suicide (2.55) and accidental poisoning (2.49). For the 444 female deaths, the highest PYLLSR was for cancer (2.82). The PYLLSR for males (17.57) was almost twice the rate for females (8.92).
- In the 45–74 age group, the 8,986 deaths resulted in a total of 97,730 potential years of life lost in 2000, and a PYLLSR of 21.77 per 1,000 standard population in this age group. Cancer was the leading cause of death in this category; the 3,823 deaths from cancer were responsible for a total of 42,108 potential years of life lost, and a PYLLSR of 9.48. As in other age groups, the PYLLSR for males (26.93) was considerably higher than for females (16.70).

VITAL STATISTICS INFORMATION BOX

INFORMATION BOX FOR TABLE 37

DEATHS DUE TO MEDICALLY TREATABLE DISEASES BY SELECTED CAUSES AND GENDER

BRITISH COLUMBIA, 1995–1999

		1995–1999					
		Male		Female		Total	
Cause of Death	**ICD-9 Code(s)**	**Number**	**Percent**	**Number**	**Percent**	**Number**	**Percent**
Hypertensive disease	401–405	57	20.2	24	7.0	81	13.0
Cervical cancer	180	–	–	146	42.7	146	23.4
Pneumonia and unqualified bronchitis	481–486, 490	88	31.2	55	16.1	143	22.9
Tuberculosis	010–018, 137	8	2.8	9	2.6	17	2.7
Asthma	493	14	5.0	15	4.4	29	4.6
Chronic rheumatic heart disease	393–398	7	2.5	6	1.8	13	2.1
Acute respiratory infections and influenza	460–466, 487	5	1.8	2	0.6	7	1.1
Bacterial infections*	001–005, ...730	76	27.0	70	20.5	146	23.4
Hodgkin's disease	201	4	1.4	2	–	6	1.0
Abdominal hernias, cholecystitis and cholelithiasis, appendicitis	540–543, 550–553, 574, 575	23	8.2	12	3.5	35	5.6
Deficiency anemias	280, 281	–	–	1	0.3	1	0.2
TOTAL		**282**	**100.0**	**342**	**100.0**	**624**	**100.0**

Note: Medically Treatable Diseases – based on Charlton's definition (see glossary).
*ICD-9 codes include 001–005, 020–041, 320, 382, 383, 390–392, 680–686, 711, 730.
Total percentage may not add up to 100 due to rounding. Non-residents are excluded.

POTENTIAL YEARS OF LIFE LOST – EXTERNAL CAUSES OF DEATH (AGE UNDER 75 YEARS)

		1995–1999				2000							
	Local Health Area	Observed Deaths	Observed PYLL	PYLL Index	(p)	Observed Deaths	Observed PYLL	Expected PYLL	PYLL Index	(p)	95% Confidence Limit		
											Lower		Upper
001	Fernie	23	858	0.67	*	4	130	169.99	0.76		0.00	–	1.59
002	Cranbrook	54	1,685	0.87		12	380	254.84	1.49		0.61	–	2.37
003	Kimberley	23	763	1.18		2	5	82.24	0.06	+	0.00	–	0.15
004	Windermere	17	595	0.88		4	205	93.01	2.20		0.02	–	4.39
005	Creston	30	860	1.07		5	193	106.77	1.80		0.05	–	3.55
006/007	Kootenay Lake/Nelson	108	4,014	1.88	*	13	398	279.01	1.42		0.62	–	2.23
009	Castlegar	32	1,055	1.04		8	240	131.57	1.82		0.33	–	3.31
010	Arrow Lakes	13	363	0.97		3	143	48.64	2.93		0.00	–	6.33
011	Trail	51	1,854	1.26		8	285	188.32	1.51		0.38	–	2.65
012/013	Grand Forks/Kettle Valley	41	1,395	1.56	*	3	63	117.24	0.53		0.00	–	1.21
014	Southern Okanagan	36	1,085	1.01		9	333	142.80	2.33		0.67	–	3.99
015	Penticton	83	2,298	0.89		11	363	334.80	1.08		0.37	–	1.79
016	Keremeos	12	425	1.50		5	248	36.90	6.71		0.42	–	13.00
017	Princeton	19	523	1.48		3	103	44.24	2.32		0.00	–	5.04
018	Golden	17	773	1.25		3	138	79.80	1.72		0.00	–	3.80
019	Revelstoke	23	743	1.07		5	218	86.16	2.52		0.26	–	4.79
020	Salmon Arm	82	2,749	1.30		15	533	289.79	1.84		0.75	–	2.92
021	Armstrong–Spallumcheen	20	725	1.05		4	100	92.73	1.08		0.00	–	2.50
022	Vernon	144	5,297	1.30	*	17	523	530.28	0.99		0.47	–	1.50
023	Central Okanagan	251	8,459	0.82	*	45	1,503	1,365.01	1.10		0.74	–	1.46
024	Kamloops	303	10,507	1.34	*	47	1,658	1,037.29	1.60	*	1.10	–	2.10
025	100 Mile House	62	2,115	1.85	*	8	185	153.82	1.20		0.19	–	2.21
026	North Thompson	13	473	1.16		1	75	53.38	1.40		0.00	–	4.13
027	Cariboo–Chilcotin	120	4,645	2.01	*	15	492	299.91	1.64		0.69	–	2.59
028	Quesnel	95	3,299	1.58	*	10	295	272.04	1.08		0.33	–	1.84
029	Lillooet	25	847	2.16	*	3	83	50.36	1.64		0.00	–	3.98
030	South Cariboo	28	1,055	1.89	*	2	75	71.99	1.04		0.00	–	2.60
031	Merritt	58	2,225	2.45	*	12	435	118.89	3.66	*	1.42	–	5.90
032	Hope	41	1,213	2.08	*	10	255	74.36	3.43		0.96	–	5.90
033	Chilliwack	178	6,119	1.23	*	20	640	656.47	0.97		0.51	–	1.44
034	Abbotsford	212	7,946	0.95		46	1,625	1,090.33	1.49	*	1.01	–	1.97
035	Langley	174	6,196	0.75	*	29	983	1,096.90	0.90		0.53	–	1.26
036	Surrey	658	23,987	0.92	*	81	2,762	3,395.12	0.81		0.62	–	1.01
037	Delta	102	3,845	0.50	*	14	440	983.29	0.45	*	0.18	–	0.72
038	Richmond	180	6,055	0.49	*	15	527	1,644.65	0.32	*	0.14	–	0.50
040	New Westminster	147	4,992	1.18		17	553	548.87	1.01		0.51	–	1.51
041	Burnaby	306	10,717	0.71	*	38	1,245	1,903.72	0.65	*	0.43	–	0.88
042	Maple Ridge	127	4,217	0.74	*	24	875	760.96	1.15		0.66	–	1.64
043	Coquitlam	239	8,658	0.59	*	26	845	1,926.40	0.44	*	0.25	–	0.63
044	North Vancouver	185	6,799	0.69	*	16	492	1,248.66	0.39	*	0.16	–	0.63
045	West Vancouver–Bowen Island	55	1,543	0.49	*	5	228	411.29	0.55		0.03	–	1.07
046	Sunshine Coast	67	2,133	1.20		7	218	239.98	0.91		0.17	–	1.64
047	Powell River	47	1,395	0.96		7	218	185.92	1.17		0.15	–	2.19
048	Howe Sound	83	3,082	1.15		19	748	374.57	2.00	*	1.07	–	2.92
049	Bella Coola Valley	22	515	1.96		3	118	34.91	3.37		0.00	–	7.26
050	Queen Charlotte	25	727	1.50		2	65	62.83	1.03		0.00	–	2.84
051	Snow Country	2	70	0.89		2	45	7.20	6.25		0.00	–	15.13
052	Prince Rupert	56	1,840	1.16		14	590	194.86	3.03	*	1.35	–	4.71
053	Upper Skeena	22	825	1.69		1	53	63.95	0.82		0.00	–	2.43
054	Smithers	44	1,752	1.16		3	163	196.56	0.83		0.00	–	1.77
055/093	Burns Lake/Eutsuk	32	1,267	2.11	*	2	90	79.05	1.14		0.00	–	2.78
056	Nechako	63	2,438	1.67	*	14	625	190.35	3.28	*	1.45	–	5.11
057	Prince George	268	10,010	1.15		41	1,350	1,121.88	1.20		0.79	–	1.62
059	Peace River South	73	2,682	1.15		11	283	284.02	0.99		0.30	–	1.69
060	Peace River North	67	2,492	1.02		11	557	326.24	1.71		0.67	–	2.75
061	Greater Victoria	405	13,124	0.86	*	78	2,390	1,884.44	1.27		0.96	–	1.58
062	Sooke	83	2,808	0.69	*	14	515	533.68	0.97		0.42	–	1.51
063	Saanich	93	3,078	0.80	*	4	175	493.37	0.35	+	0.00	–	0.72
064	Gulf Islands	21	583	0.69		1	58	115.35	0.50		0.00	–	1.48
065	Cowichan	100	3,750	1.02		19	717	486.82	1.47		0.73	–	2.21
066	Lake Cowichan	12	430	0.90		–	–	61.74	–		–	–	–
067	Ladysmith	51	1,792	1.65	*	4	135	138.05	0.98		0.01	–	1.94
068	Nanaimo	203	6,714	1.00		34	1,210	880.63	1.37		0.86	–	1.89
069	Qualicum	89	2,993	1.27		10	320	316.92	1.01		0.29	–	1.73
070	Alberni	112	4,294	1.72	*	16	570	315.61	1.81		0.84	–	2.78
071	Courtenay	150	5,490	1.32	*	13	453	552.84	0.82		0.34	–	1.30
072/084	Campbell River/V.I. West	117	4,198	1.19		21	763	444.89	1.71		0.89	–	2.54
075	Mission	89	3,043	1.09		7	278	365.71	0.76		0.17	–	1.35
076	Agassiz–Harrison	29	1,063	1.69	*	4	135	84.08	1.61		0.00	–	3.35
077	Summerland	21	528	0.77		2	90	90.50	0.99		0.00	–	2.37
078	Enderby	33	1,193	2.30	*	2	65	71.10	0.91		0.00	–	2.24
080	Kitimat	23	933	0.89		2	20	132.92	0.15	+	0.00	–	0.41
081	Fort Nelson	23	933	1.64		3	148	74.37	1.98		0.00	–	4.29
083	Central Coast	9	368	2.30		–	–	21.11	–		–	–	–
085	Vancouver Island North	55	2,137	1.65	*	7	298	161.41	1.84		0.40	–	3.29
087/094	Stikine/Telegraph Creek	17	722	4.65	*	–	–	19.66	–		–	–	–
088	Terrace	69	2,497	1.30		7	173	245.38	0.70		0.13	–	1.28
092	Nisga'a	10	420	2.34		–	–	25.27	–		–	–	–
161	Vancouver City Centre	300	9,940	1.18	*	26	745	1,196.82	0.62	*	0.37	–	0.88
162	Vancouver Downtown E. Side	509	16,855	3.73	*	56	1,690	578.07	2.92	*	2.10	–	3.75
163	Vancouver North East	170	5,935	0.80	*	15	528	944.18	0.56	*	0.26	–	0.86
164	Vancouver West Side	144	4,940	0.50	*	18	535	1,268.56	0.42	*	0.20	–	0.64
165	Vancouver Midtown	210	7,272	1.02		15	603	876.14	0.69		0.32	–	1.05
166	Vancouver South	201	6,482	0.70	*	12	330	1,147.72	0.29	*	0.09	–	0.48
039	**VANCOUVER TOTAL**	**1,564**	**52,473**	**1.13**	*	**143**	**4,463**	**6,011.49**	**0.74**	*	**0.61**	–	**0.87**
	N.S.	24	–	–		4	–	–	–		–	–	–
	PROVINCIAL TOTAL	**8,660**	–	–		**1,150**	–	–	–		–	–	–

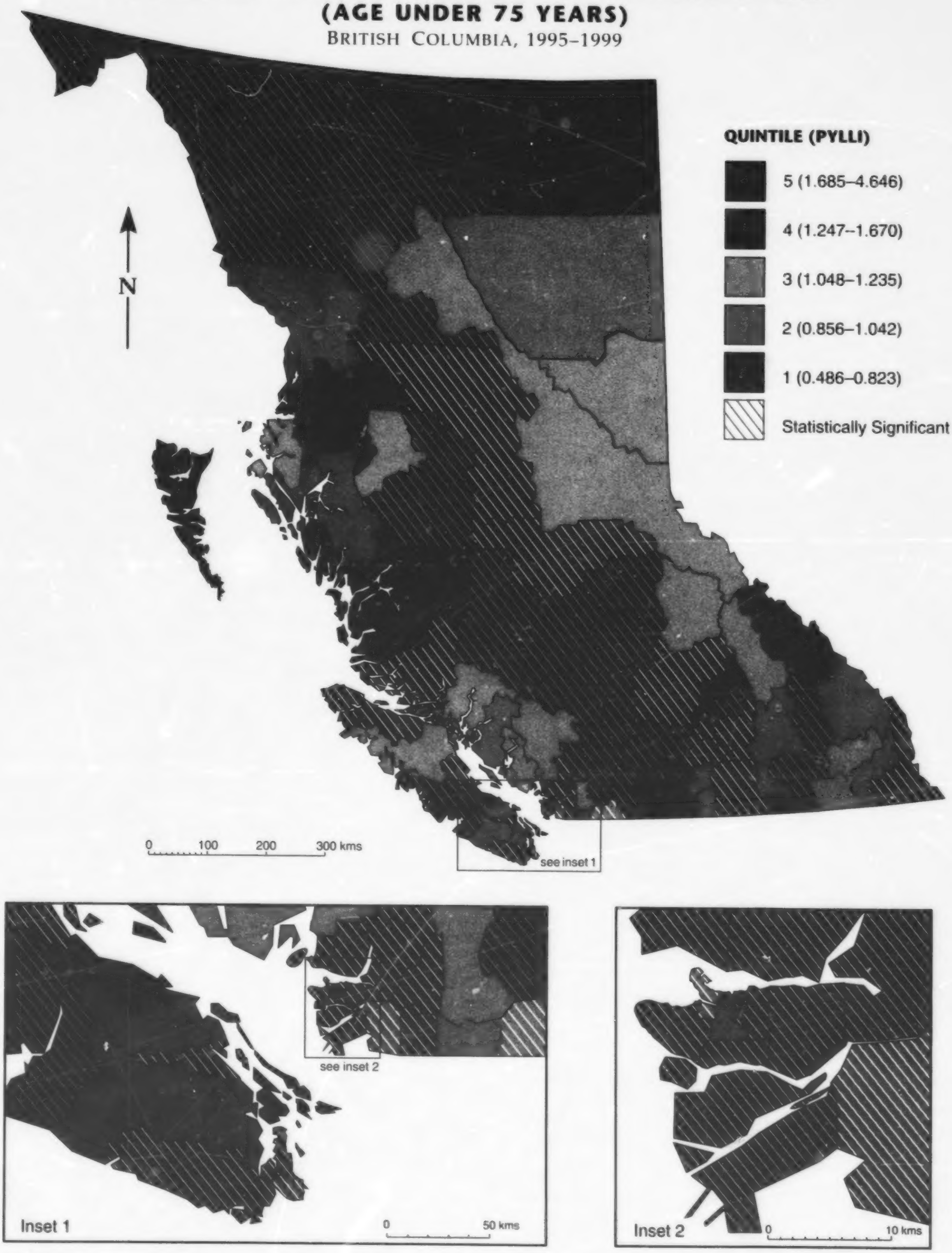
Note: *Statistical testing indicates that observed deaths are significantly different from the expected deaths (p<0.05, two tailed). +Denotes significance based on less than five deaths. PYLL and PYLL Index: see Glossary for more details. LHA 039 Vancouver Total may include unspecified Vancouver addresses. N.S. – Not Stated. Non-residents are excluded.

POTENTIAL YEARS OF LIFE LOST – EXTERNAL CAUSES OF DEATH (AGE UNDER 75 YEARS)

Local Health Area		1995–1999				2000					95% Confidence Limit		
		Observed Deaths	Observed PYLL	PYLL Index	(p)	Observed Deaths	Observed PYLL	Expected PYLL	PYLL Index	(p)	Lower		Upper
001	Fernie	23	858	0.67	*	4	130	169.99	0.76		0.00	–	1.59
002	Cranbrook	54	1,685	0.87		12	380	254.84	1.49		0.61	–	2.37
003	Kimberley	23	763	1.18		2	5	82.24	0.06	+	0.00	–	0.15
004	Windermere	17	595	0.88		4	205	93.01	2.20		0.02	–	4.39
005	Creston	30	860	1.07		5	193	106.77	1.80		0.05	–	3.55
006/007	Kootenay Lake/Nelson	108	4,014	1.88	*	13	398	279.01	1.42		0.62	–	2.23
009	Castlegar	32	1,055	1.04		8	240	131.57	1.82		0.33	–	3.31
010	Arrow Lakes	13	363	0.97		3	143	48.64	2.93		0.00	–	6.33
011	Trail	51	1,854	1.26		8	285	188.32	1.51		0.38	–	2.65
012/013	Grand Forks/Kettle Valley	41	1,395	1.56	*	3	63	117.24	0.53		0.00	–	1.21
014	Southern Okanagan	36	1,085	1.01		9	333	142.80	2.33		0.67	–	3.99
015	Penticton	83	2,298	0.89		11	363	334.80	1.08		0.37	–	1.79
016	Keremeos	12	425	1.50		5	248	36.90	6.71		0.42	–	13.00
017	Princeton	19	523	1.48		3	103	44.24	2.32		0.00	–	5.04
018	Golden	17	773	1.25		3	138	79.80	1.72		0.00	–	3.80
019	Revelstoke	23	743	1.07		5	218	86.16	2.52		0.26	–	4.79
020	Salmon Arm	82	2,749	1.30		15	533	289.79	1.84		0.75	–	2.92
021	Armstrong–Spallumcheen	20	725	1.05		4	100	92.73	1.08		0.00	–	2.50
022	Vernon	144	5,297	1.30	*	17	523	530.28	0.99		0.47	–	1.50
023	Central Okanagan	251	8,459	0.82	*	45	1,503	1,365.01	1.10		0.74	–	1.46
024	Kamloops	303	10,507	1.34	*	47	1,658	1,037.29	1.60	*	1.10	–	2.10
025	100 Mile House	62	2,115	1.85	*	8	185	153.82	1.20		0.19	–	2.21
026	North Thompson	13	473	1.16		1	75	53.38	1.40		0.00	–	4.13
027	Cariboo–Chilcotin	120	4,645	2.01	*	15	492	299.91	1.64		0.69	–	2.59
028	Quesnel	95	3,299	1.58	*	10	295	272.04	1.08		0.33	–	1.84
029	Lillooet	25	847	2.16	*	3	83	50.36	1.64		0.00	–	3.98
030	South Cariboo	28	1,055	1.89	*	2	75	71.99	1.04		0.00	–	2.60
031	Merritt	58	2,225	2.45	*	12	435	118.89	3.66	*	1.42	–	5.90
032	Hope	41	1,213	2.08	*	10	255	74.36	3.43		0.96	–	5.90
033	Chilliwack	178	6,119	1.23	*	20	640	656.47	0.97		0.51	–	1.44
034	Abbotsford	212	7,946	0.95		46	1,625	1,090.33	1.49	*	1.01	–	1.97
035	Langley	174	6,196	0.75	*	29	983	1,096.90	0.90		0.53	–	1.26
036	Surrey	658	23,987	0.92	*	81	2,762	3,395.12	0.81		0.62	–	1.01
037	Delta	102	3,845	0.50	*	14	440	983.29	0.45	*	0.18	–	0.72
038	Richmond	180	6,055	0.49	*	15	527	1,644.65	0.32	*	0.14	–	0.50
040	New Westminster	147	4,992	1.18		17	553	548.87	1.01		0.51	–	1.51
041	Burnaby	306	10,717	0.71	*	38	1,245	1,903.72	0.65	*	0.43	–	0.88
042	Maple Ridge	127	4,217	0.74	*	24	875	760.96	1.15		0.66	–	1.64
043	Coquitlam	239	8,658	0.59	*	26	845	1,926.40	0.44	*	0.25	–	0.63
044	North Vancouver	185	6,799	0.69	*	16	492	1,248.66	0.39	*	0.16	–	0.63
045	West Vancouver–Bowen Island	55	1,543	0.49	*	5	228	411.29	0.55		0.03	–	1.07
046	Sunshine Coast	67	2,133	1.20		7	218	239.98	0.91		0.17	–	1.64
047	Powell River	47	1,395	0.96		7	218	185.92	1.17		0.15	–	2.19
048	Howe Sound	83	3,082	1.15		19	748	374.57	2.00	*	1.07	–	2.92
049	Bella Coola Valley	22	515	1.96		3	118	34.91	3.37		0.00	–	7.26
050	Queen Charlotte	25	727	1.50		2	65	62.83	1.03		0.00	–	2.84
051	Snow Country	2	70	0.89		2	45	7.20	6.25		0.00	–	15.13
052	Prince Rupert	56	1,840	1.16		14	590	194.86	3.03	*	1.35	–	4.71
053	Upper Skeena	22	825	1.69		1	53	63.95	0.82		0.00	–	2.43
054	Smithers	44	1,752	1.16		3	163	196.56	0.83		0.00	–	1.77
055/093	Burns Lake/Eutsuk	32	1,267	2.11	*	2	90	79.05	1.14		0.00	–	2.78
056	Nechako	63	2,438	1.67	*	14	625	190.35	3.28	*	1.45	–	5.11
057	Prince George	268	10,010	1.15		41	1,350	1,121.88	1.20		0.79	–	1.62
059	Peace River South	73	2,682	1.15		11	283	284.02	0.99		0.30	–	1.69
060	Peace River North	67	2,492	1.02		11	557	326.24	1.71		0.67	–	2.75
061	Greater Victoria	405	13,124	0.86	*	78	2,390	1,884.44	1.27		0.96	–	1.58
062	Sooke	83	2,808	0.69	*	14	515	533.68	0.97		0.42	–	1.51
063	Saanich	93	3,078	0.80	*	4	175	493.37	0.35	+	0.00	–	0.72
064	Gulf Islands	21	583	0.69		1	58	115.35	0.50		0.00	–	1.48
065	Cowichan	100	3,750	1.02		19	717	486.82	1.47		0.73	–	2.21
066	Lake Cowichan	12	430	0.90		–	–	61.74	–		–	–	–
067	Ladysmith	51	1,792	1.65	*	4	135	138.05	0.98		0.01	–	1.94
068	Nanaimo	203	6,714	1.00		34	1,210	880.63	1.37		0.86	–	1.89
069	Qualicum	89	2,993	1.27		10	320	316.92	1.01		0.29	–	1.73
070	Alberni	112	4,294	1.72	*	16	570	315.61	1.81		0.84	–	2.78
071	Courtenay	150	5,490	1.32	*	13	453	552.84	0.82		0.34	–	1.30
072/084	Campbell River/V.I. West	117	4,198	1.19		21	763	444.89	1.71		0.89	–	2.54
075	Mission	89	3,043	1.09		7	278	365.71	0.76		0.17	–	1.35
076	Agassiz–Harrison	29	1,063	1.69	*	4	135	84.08	1.61		0.00	–	3.35
077	Summerland	21	528	0.77		2	90	90.50	0.99		0.00	–	2.37
078	Enderby	33	1,193	2.30	*	2	65	71.10	0.91		0.00	–	2.24
080	Kitimat	23	933	0.89		2	20	132.92	0.15	+	0.00	–	0.41
081	Fort Nelson	23	933	1.64		3	148	74.37	1.98		0.00	–	4.29
083	Central Coast	9	368	2.30		–	–	21.11	–		–	–	–
085	Vancouver Island North	55	2,137	1.65	*	7	298	161.41	1.84		0.40	–	3.29
087/094	Stikine/Telegraph Creek	17	722	4.65	*	–	–	19.66	–		–	–	–
088	Terrace	69	2,497	1.30		7	173	245.38	0.70		0.13	–	1.28
092	Nisga'a	10	420	2.34		–	–	25.27	–		–	–	–
161	Vancouver City Centre	300	9,940	1.18	*	26	745	1,196.82	0.62	*	0.37	–	0.88
162	Vancouver Downtown E. Side	509	16,855	3.73	*	56	1,690	578.07	2.92	*	2.10	–	3.75
163	Vancouver North East	170	5,935	0.80	*	15	528	944.18	0.56	*	0.26	–	0.86
164	Vancouver West Side	144	4,940	0.50	*	18	535	1,268.56	0.42	*	0.20	–	0.64
165	Vancouver Midtown	210	7,272	1.02		15	603	876.14	0.69		0.32	–	1.05
166	Vancouver South	201	6,482	0.70	*	12	330	1,147.72	0.29	*	0.09	–	0.48
039	**VANCOUVER TOTAL**	**1,564**	**52,473**	**1.13**	*	**143**	**4,463**	**6,011.49**	**0.74**	*	**0.61**	–	**0.87**
	N.S.	24	–	–		4	–	–	–		–	–	–
	PROVINCIAL TOTAL	**8,660**	–	–		**1,150**	–	–	–		–	–	–

Note: *Statistical testing indicates that observed deaths are significantly different from the expected deaths (p<0.05, two tailed).
+Denotes significance based on less than five deaths. PYLL and PYLL Index: see Glossary for more details. LHA 039 Vancouver Total may include unspecified Vancouver addresses. N.S. – Not Stated. Non-residents are excluded.

FIGURE 21
EXTERNAL CAUSES OF DEATH BY LOCAL HEALTH AREA (AGE UNDER 75 YEARS)
BRITISH COLUMBIA, 1995–1999


N
QUINTILE (PYLLI)
5 (1.685–4.646)
4 (1.247–1.670)
3 (1.048–1.235)
2 (0.856–1.042)
1 (0.486–0.823)
Statistically Significant
0 100 200 300 kms
see inset 1
see inset 2
Inset 1
0 50 kms
Inset 2
0 10 kms

Note: PYLLI – Potential Years of Life Lost Index. Refer to Figure 1 to clarify geographical location of Local Health Areas.

HIGHLIGHTS TO TABLE 36/FIGURE 21

- There were seven Local Health Areas (LHAs) with statistically significant and high Potential Years of Life Lost Index (PYLLI) for under 75 years of age, for external causes of death or accidents and violence, based on at least five deaths in 2000. These LHAs, along with their PYLLI values for 2000 (number of deaths in parentheses) were:

031	Merritt	3.66	(12)
056	Nechako	3.28	(14)
052	Prince Rupert	3.03	(14)
162	Vancouver Downtown E. Side	2.92	(56)
048	Howe Sound	2.00	(19)
024	Kamloops	1.60	(47)
034	Abbotsford	1.49	(46)

- The above LHAs also had statistically significant and high PYLLI values for external causes of death (age under 75 years) in 1995–1999 with the exception of Prince Rupert, Howe Sound, and Abbotsford.
- Nine LHAs had PYLLI values for external causes in 2000 that were statistically significant and low, based on five or more deaths. The PYLLI for the five lowest LHAs (number of deaths in parentheses) were:

166	Vancouver South	0.29	(12)
038	Richmond	0.32	(15)
044	North Vancouver	0.39	(16)
164	Vancouver West Side	0.42	(18)
043	Coquitlam	0.44	(26)

- All of the above LHAs also had statistically significant and low PYLLI values for external causes of death (age under 75 years) in 1995–1999.
- In the 1995–1999 period, a total of 23 LHAs had PYLLI values for external causes that were statistically significant and high. The five LHAs with the highest statistically significant index values for this five-year period (number of deaths in parentheses) were:

087/094	Stikine/Telegraph Creek	4.65	(17)
162	Vancouver Downtown E. Side	3.73	(509)
031	Merritt	2.45	(58)
078	Enderby	2.30	(33)
029	Lillooet	2.16	(25)

- In the 1995–1999 period, 17 LHAs had PYLLI values for external causes that were statistically significant and low, based on five or more deaths. The five LHAs with the lowest index values that were statistically significant for this five-year period (number of deaths in parentheses) were:

038	Richmond	0.49	(180)
045	West Vancouver–Bowen Is.	0.49	(55)
164	Vancouver West Side	0.50	(144)
037	Delta	0.50	(102)
043	Coquitlam	0.59	(239)

TABLE 37

DEATHS DUE TO MEDICALLY TREATABLE DISEASES BY SELECTED CAUSES AND GENDER

BRITISH COLUMBIA, 2000

Cause of Death	ICD-10 Code(s)	Male		Female		Total	
		Number	Percent	Number	Percent	Number	Percent
Hypertensive disease	I10–I15	12	28.6	2	2.9	14	12.6
Cervical cancer	C53	–	–	32	46.4	32	28.8
Pneumonia and unqualified bronchitis	J12–J18.1, J18.8–J18.9, J40	11	26.2	8	11.6	19	17.1
Tuberculosis	A15–A19, B90	1	2.4	2	2.9	3	2.7
Asthma	J45, J46	1	2.4	4	5.8	5	4.5
Chronic rheumatic heart disease	I05–I09	–	–	–	–	–	–
Acute respiratory infections and influenza	J00–J06, J20–J22, J10–J11	–	–	1	1.4	1	0.9
Bacterial infections*	A00–A05, ..., M87.1	11	26.2	14	20.3	25	22.5
Hodgkin's disease	C81	2	4.8	2	–	4	3.6
Abdominal hernias, cholecystitis and cholelithiasis, appendicitis	K40–K46, K80–K81, K35–K37	4	9.5	4	5.8	8	7.2
Deficiency nutritional anemias	D50–D53	–	–	–	–	–	–
TOTAL		**42**	**100.0**	**69**	**100.0**	**111**	**100.0**

Note: Medically Treatable Diseases – based on Charlton's definition (see Glossary).
*ICD-10 codes A00–A05, A20–A49, B95–B96, G00, H66, H70, H95.0–H95.1, I00–I01, I02.0, I02.9, L01–L08, M00, M02.8, M02.9, M46.2, M86, M87.1.
Total percentage may not add up to 100 due to rounding.
The output from ICD-10 mortality coding and underlying cause of death selection was modified in British Columbia to reflect the intent of certifiers in this jurisdiction and to provide greater continuity over time. Data using the standard ICD-10 rules for such categories as pneumonia/influenza, diabetes, or cancer should not be compared to the numbers shown above.

HIGHLIGHTS TO TABLE 37

- The medically treatable diseases presented in this table were selected according to Charlton's definition based on mortality in specific age groups that could potentially be avoided through appropriate medical attention (see Glossary). There were 111 deaths in 2000 that were identified as medically treatable according to this definition.
- Females accounted for 69 deaths from medically treatable diseases in 2000. Almost half (46.4%) the female deaths were due to cervical cancer (32 deaths), a fifth (20.3%) were due to bacterial infections (14), and about a tenth (11.6%) were due to pneumonia and unqualified bronchitis (8).
- There were 42 male deaths (37.8%) from medically treatable diseases in 2000. More than a quarter of these male deaths (25.6%) were due to hypertensive disease (12 deaths), a quarter (26.2%) were due to pneumonia and unqualified bronchitis (11), and another quarter (26.2%) were due to bacterial infections (11).

TABLE 37

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Hypertensive disease	I10–I15	12	28.6	2	2.9	14	12.6
Cervical cancer	C53	–	–	32	46.4	32	28.8
Pneumonia and unqualified bronchitis	J12–J18.1, J18.8–J18.9, J40	11	26.2	8	11.6	19	17.1
Tuberculosis	A15–A19, B90	1	2.4	2	2.9	3	2.7
Asthma	J45, J46	1	2.4	4	5.8	5	4.5
Chronic rheumatic heart disease	I05–I09	–	–	–	–	–	–
Acute respiratory infections and influenza	J00–J06, J20–J22, J10–J11	–	–	1	1.4	1	0.9
Bacterial infections*	A00–A05, ..., M87.1	11	26.2	14	20.3	25	22.5
Hodgkin's disease	C81	2	4.8	2	–	4	3.6
Abdominal hernias, cholecystitis and cholelithiasis, appendicitis	K40–K46, K80–K81, K35–K37	4	9.5	4	5.8	8	7.2
Deficiency nutritional anemias	D50–D53	–	–	–	–	–	–
TOTAL		**42**	**100.0**	**69**	**100.0**	**111**	**100.0**

Note: Medically Treatable Diseases – based on Charlton's definition (see Glossary).
*ICD-10 codes A00–A05, A20–A49, B95–B96, G00, H66, H70, H95.0–H95.1, I00–I01, I02.0, I02.9, L01–L08, M00, M02.8, M02.9, M46.2, M86, M87.1.
Total percentage may not add up to 100 due to rounding.
The output from ICD-10 mortality coding and underlying cause of death selection was modified in British Columbia to reflect the intent of certifiers in this jurisdiction and to provide greater continuity over time. Data using the standard ICD-10 rules for such categories as pneumonia/influenza, diabetes, or cancer should not be compared to the numbers shown above.

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STANDARDIZED MORTALITY RATIO BY LOCAL HEALTH AREA DEATHS DUE TO MEDICALLY TREATABLE DISEASES

Local Health Area		1995–1999			2000				95% Confidence Interval		
		Observed Deaths	SMR	(p)	Observed Deaths	Expected Deaths	SMR	(p)	Lower		Upper
001	Fernie	–	–		–	0.49	–		–	–	–
002	Cranbrook	2	0.49		–	0.75	–		–	–	–
003	Kimberley	1	0.66		–	0.29	–		–	–	–
004	Windermere	1	0.67		–	0.25	–		–	–	–
005	Creston	2	0.96		–	0.38	–		–	–	–
006/007	Kootenay Lake/Nelson	5	1.04		–	0.86	–		–	–	–
009	Castlegar	2	0.90		1	0.42	2.40		0.03	–	13.38
010	Arrow Lakes	1	1.13		1	0.16	6.23		0.08	–	34.67
011	Trail	3	0.89		–	0.67	–		–	–	–
012/013	Grand Forks/Kettle Valley	3	1.34		–	0.40	–		–	–	–
014	Southern Okanagan	2	0.66		–	0.54	–		–	–	–
015	Penticton	8	1.31		–	1.10	–		–	–	–
016	Keremeos	1	1.25		–	0.14	–		–	–	–
017	Princeton	–	–		–	0.17	–		–	–	–
018	Golden	1	0.83		1	0.22	4.51		0.06	–	25.12
019	Revelstoke	–	–		–	0.28	–		–	–	–
020	Salmon Arm	8	1.13		–	0.90	–		–	–	–
021	Armstrong–Spallumcheen	–	–		–	0.27	–		–	–	–
022	Vernon	6	0.65		1	1.64	0.61		0.01	–	3.39
023	Central Okanagan	13	0.57	*	3	3.86	0.78		0.16	–	2.27
024	Kamloops	17	1.01		1	2.99	0.33		0.00	–	1.86
025	100 Mile House	4	1.43		–	0.48	–		–	–	–
026	North Thompson	1	1.17		–	0.15	–		–	–	–
027	Cariboo–Chilcotin	9	1.98		–	0.83	–		–	–	–
028	Quesnel	4	0.95		3	0.77	3.87		0.78	–	11.32
029	Lillooet	1	1.34		1	0.14	7.20		0.09	–	40.03
030	South Cariboo	4	3.09		–	0.24	–		–	–	–
031	Merritt	4	2.18		1	0.34	2.98		0.04	–	16.57
032	Hope	1	0.73		–	0.26	–		–	–	–
033	Chilliwack	10	0.98		4	1.77	2.26		0.61	–	5.78
034	Abbotsford	15	0.94		4	2.63	1.52		0.41	–	3.89
035	Langley	26	1.53		2	2.85	0.70		0.08	–	2.53
036	Surrey	52	1.00		9	8.49	1.06		0.48	–	2.01
037	Delta	12	0.73		–	3.06	–		–	–	–
038	Richmond	12	0.45	*	3	4.56	0.66		0.13	–	1.92
040	New Westminster	11	1.32		5	1.50	3.32	*	1.07	–	7.76
041	Burnaby	20	0.66		8	5.58	1.43		0.62	–	2.83
042	Maple Ridge	13	1.14		2	1.90	1.06		0.12	–	3.81
043	Coquitlam	24	0.81		2	4.91	0.41		0.05	–	1.47
044	North Vancouver	22	1.02		5	4.11	1.22		0.39	–	2.84
045	West Vancouver–Bowen Is.	6	0.70		1	1.69	0.59		0.01	–	3.29
046	Sunshine Coast	4	0.90		1	0.74	1.36		0.02	–	7.55
047	Powell River	5	1.48		2	0.65	3.08		0.35	–	11.12
048	Howe Sound	2	0.46		–	0.67	–		–	–	–
049	Bella Coola Valley	1	1.97		–	0.09	–		–	–	–
050	Queen Charlotte	1	1.12		–	0.17	–		–	–	–
051	Snow Country	–	–		–	0.04	–		–	–	–
052	Prince Rupert	5	1.79		2	0.55	3.62		0.41	–	13.07
053	Upper Skeena	2	2.51		–	0.14	–		–	–	–
054	Smithers	1	0.37		1	0.48	2.10		0.03	–	11.69
055/093	Burns Lake/Eutsuk	2	1.73		–	0.22	–		–	–	–
056	Nechako	4	1.52		–	0.48	–		–	–	–
057	Prince George	19	1.18		4	2.95	1.36		0.36	–	3.47
059	Peace River South	6	1.40		2	0.81	2.47		0.28	–	8.92
060	Peace River North	4	0.95		–	0.76	–		–	–	–
061	Greater Victoria	31	0.99		3	6.08	0.49		0.10	–	1.44
062	Sooke	5	0.59		3	1.49	2.01		0.40	–	5.87
063	Saanich	5	0.50		2	1.76	1.14		0.13	–	4.11
064	Gulf Islands	–	–		–	0.42	–		–	–	–
065	Cowichan	6	0.72		2	1.42	1.40		0.16	–	5.07
066	Lake Cowichan	1	0.94		–	0.19	–		–	–	–
067	Ladysmith	4	1.54		–	0.47	–		–	–	–
068	Nanaimo	14	0.97		5	2.48	2.01		0.65	–	4.70
069	Qualicum	7	1.08		1	1.03	0.97		0.01	–	5.41
070	Alberni	7	1.31		–	1.04	–		–	–	–
071	Courtenay	11	1.14		3	1.60	1.88		0.38	–	5.48
072/084	Campbell River/V.I. West	6	0.83		2	1.26	1.58		0.18	–	5.71
075	Mission	12	2.15	*	1	0.94	1.06		0.01	–	5.91
076	Agassiz–Harrison	1	0.81		1	0.20	4.99		0.07	–	27.78
077	Summerland	5	2.80		–	0.32	–		–	–	–
078	Enderby	2	1.66		–	0.20	–		–	–	–
080	Kitimat	1	0.48		–	0.41	–		–	–	–
081	Fort Nelson	–	–		–	0.15	–		–	–	–
083	Central Coast	2	6.97		–	0.05	–		–	–	–
085	Vancouver Island North	2	0.82		–	0.45	–		–	–	–
087/094	Stikine/Telegraph Creek	–	–		–	0.07	–		–	–	–
088	Terrace	3	0.87		1	0.63	1.59		0.02	–	8.83
092	Nisga'a	1	3.45		–	0.05	–		–	–	–
161	Vancouver City Centre	22	1.54		2	2.54	0.79		0.09	–	2.84
162	Vancouver Downtown E. Side	39	4.68	*	3	1.49	2.01		0.40	–	5.88
163	Vancouver North East	13	0.89		4	2.67	1.50		0.40	–	3.83
164	Vancouver West Side	9	0.47	*	3	3.79	0.79		0.16	–	2.32
165	Vancouver Midtown	11	0.83		3	2.49	1.21		0.24	–	3.52
166	Vancouver South	21	1.12		2	3.55	0.56		0.06	–	2.03
039	**VANCOUVER TOTAL**	**117**	**1.32**	*	**17**	**16.54**	**1.03**		**0.60**	–	**1.65**
	N.S	–	–		–	–	–		–	–	–
	PROVINCIAL TOTAL	**624**	–		**111**	–	–		–	–	–

Note: Medically Treatable Diseases – based on Charlton's definition (see Glossary). *Statistical testing indicates that observed deaths are significantly different from the expected deaths (p<0.05, two tailed). +Denotes significance based on less than five deaths. LHA 039 Vancouver Total may include unspecified Vancouver addresses. N.S. – Not Stated. Non-residents are excluded.

TABLE 38

STANDARDIZED MORTALITY RATIO BY LOCAL HEALTH AREA DEATHS DUE TO MEDICALLY TREATABLE DISEASES

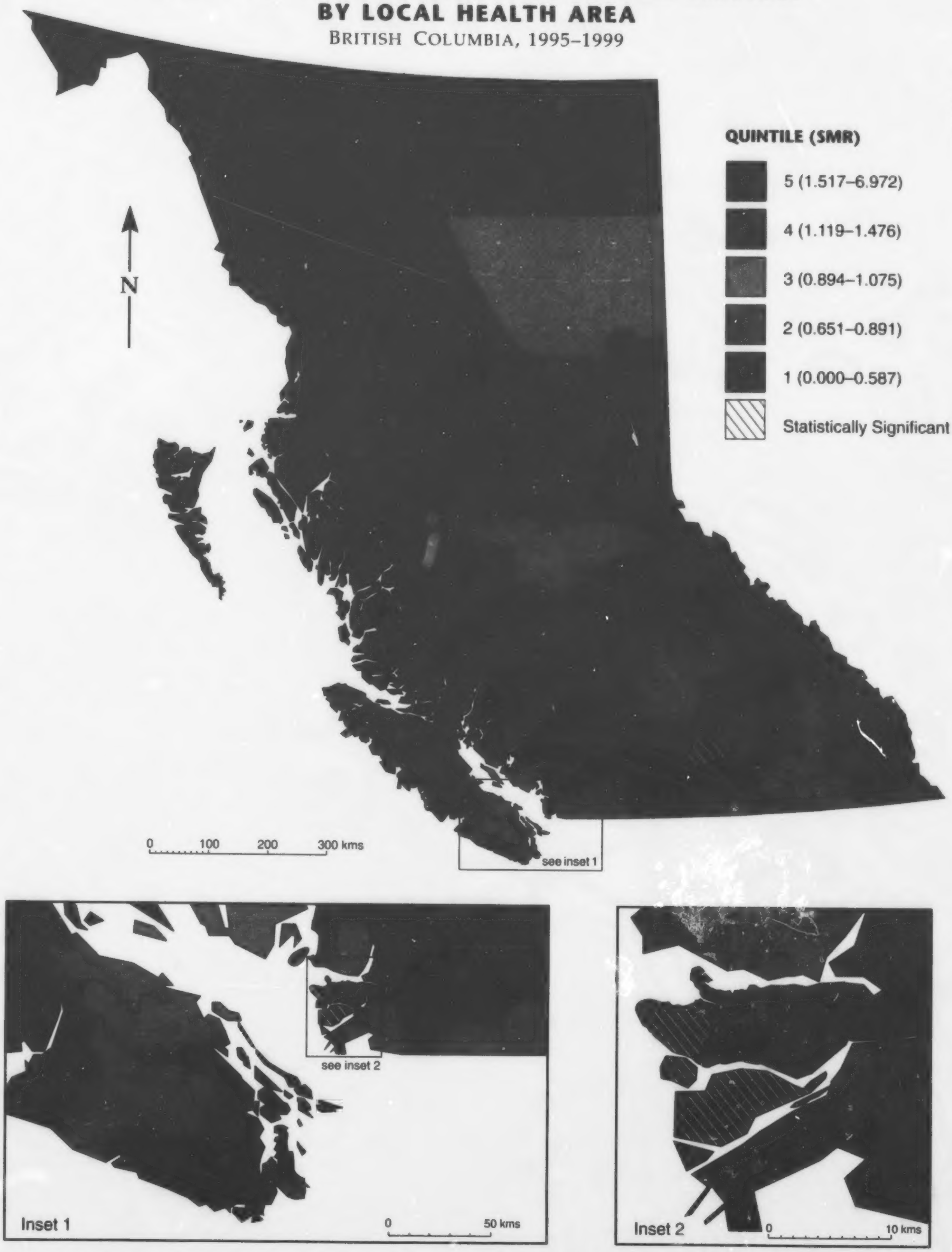
Local Health Area		1995–1999		2000					
		Observed Deaths	SMR (p)	Observed Deaths	Expected Deaths	SMR (p)	95% Confidence Interval		
							Lower		Upper
001	Fernie	–	–	–	0.49	–	–	–	–
002	Cranbrook	2	0.49	–	0.75	–	–	–	–
003	Kimberley	1	0.66	–	0.29	–	–	–	–
004	Windermere	1	0.67	–	0.25	–	–	–	–
005	Creston	2	0.96	–	0.38	–	–	–	–
006/007	Kootenay Lake/Nelson	5	1.04	–	0.86	–	–	–	–
009	Castlegar	2	0.90	1	0.42	2.40	0.03	–	13.38
010	Arrow Lakes	1	1.13	1	0.16	6.23	0.08	–	34.67
011	Trail	3	0.89	–	0.67	–	–	–	–
012/013	Grand Forks/Kettle Valley	3	1.34	–	0.40	–	–	–	–
014	Southern Okanagan	2	0.66	–	0.54	–	–	–	–
015	Penticton	8	1.31	–	1.10	–	–	–	–
016	Keremeos	1	1.25	–	0.14	–	–	–	–
017	Princeton	–	–	–	0.17	–	–	–	–
018	Golden	1	0.83	1	0.22	4.51	0.06	–	25.12
019	Revelstoke	–	–	–	0.28	–	–	–	–
020	Salmon Arm	6	1.13	–	0.90	–	–	–	–
021	Armstrong–Spallumcheen	–	–	–	0.27	–	–	–	–
022	Vernon	6	0.65	1	1.64	0.61	0.01	–	3.39
023	Central Okanagan	13	0.57 *	3	3.86	0.78	0.16	–	2.27
024	Kamloops	17	1.01	1	2.99	0.33	0.00	–	1.86
025	100 Mile House	4	1.43	–	0.48	–	–	–	–
026	North Thompson	1	1.17	–	0.15	–	–	–	–
027	Cariboo–Chilcotin	9	1.98	–	0.83	–	–	–	–
028	Quesnel	4	0.95	3	0.77	3.87	0.78	–	11.32
029	Lillooet	1	1.34	1	0.14	7.20	0.09	–	40.03
030	South Cariboo	4	3.09	–	0.24	–	–	–	–
031	Merritt	4	2.18	1	0.34	2.98	0.04	–	16.57
032	Hope	1	0.73	–	0.26	–	–	–	–
033	Chilliwack	10	0.98	4	1.77	2.26	0.61	–	5.78
034	Abbotsford	15	0.94	4	2.63	1.52	0.41	–	3.89
035	Langley	26	1.53	2	2.85	0.70	0.08	–	2.53
036	Surrey	52	1.00	9	8.49	1.06	0.48	–	2.01
037	Delta	12	0.73	–	3.06	–	–	–	–
038	Richmond	12	0.45 *	3	4.56	0.66	0.13	–	1.92
040	New Westminster	11	1.32	5	1.50	3.32 *	1.07	–	7.76
041	Burnaby	20	0.66	8	5.58	1.43	0.62	–	2.83
042	Maple Ridge	13	1.14	2	1.90	1.06	0.12	–	3.81
043	Coquitlam	24	0.81	2	4.91	0.41	0.05	–	1.47
044	North Vancouver	22	1.02	5	4.11	1.22	0.39	–	2.84
045	West Vancouver–Bowen Is.	6	0.70	1	1.69	0.59	0.01	–	3.29
046	Sunshine Coast	4	0.90	1	0.74	1.36	0.02	–	7.55
047	Powell River	5	1.48	2	0.65	3.08	0.35	–	11.12
048	Howe Sound	2	0.46	–	0.67	–	–	–	–
049	Bella Coola Valley	1	1.97	–	0.09	–	–	–	–
050	Queen Charlotte	1	1.12	–	0.17	–	–	–	–
051	Snow Country	–	–	–	0.04	–	–	–	–
052	Prince Rupert	5	1.79	2	0.55	3.62	0.41	–	13.07
053	Upper Skeena	2	2.51	–	0.14	–	–	–	–
054	Smithers	1	0.37	1	0.48	2.10	0.03	–	11.69
055/093	Burns Lake/Eutsuk	2	1.73	–	0.22	–	–	–	–
056	Nechako	4	1.52	–	0.48	–	–	–	–
057	Prince George	19	1.18	4	2.95	1.36	0.36	–	3.47
059	Peace River South	6	1.40	2	0.81	2.47	0.28	–	8.92
060	Peace River North	4	0.95	–	0.76	–	–	–	–
061	Greater Victoria	31	0.99	3	6.08	0.49	0.10	–	1.44
062	Sooke	5	0.59	3	1.49	2.01	0.40	–	5.87
063	Saanich	5	0.50	2	1.76	1.14	0.13	–	4.11
064	Gulf Islands	–	–	–	0.42	–	–	–	–
065	Cowichan	6	0.72	2	1.42	1.40	0.16	–	5.07
066	Lake Cowichan	1	0.94	–	0.19	–	–	–	–
067	Ladysmith	4	1.54	–	0.47	–	–	–	–
068	Nanaimo	14	0.97	5	2.48	2.01	0.65	–	4.70
069	Qualicum	7	1.08	1	1.03	0.97	0.01	–	5.41
070	Alberni	7	1.31	–	1.04	–	–	–	–
071	Courtenay	11	1.14	3	1.60	1.88	0.38	–	5.48
072/084	Campbell River/V.I. West	6	0.83	2	1.26	1.58	0.18	–	5.71
075	Mission	12	2.15 *	1	0.94	1.06	0.01	–	5.91
076	Agassiz–Harrison	1	0.81	1	0.20	4.99	0.07	–	27.78
077	Summerland	5	2.80	–	0.32	–	–	–	–
078	Enderby	2	1.66	–	0.20	–	–	–	–
080	Kitimat	1	0.48	–	0.41	–	–	–	–
081	Fort Nelson	–	–	–	0.15	–	–	–	–
083	Central Coast	2	6.97	–	0.05	–	–	–	–
085	Vancouver Island North	2	0.82	–	0.45	–	–	–	–
087/094	Stikine/Telegraph Creek	–	–	–	0.07	–	–	–	–
088	Terrace	3	0.87	1	0.63	1.59	0.02	–	8.83
092	Nisga'a	1	3.45	–	0.05	–	–	–	–
161	Vancouver City Centre	22	1.54	2	2.54	0.79	0.09	–	2.84
162	Vancouver Downtown E. Side	39	4.68 *	3	1.49	2.01	0.40	–	5.88
163	Vancouver North East	13	0.89	4	2.67	1.50	0.40	–	3.83
164	Vancouver West Side	9	0.47 *	3	3.79	0.79	0.16	–	2.32
165	Vancouver Midtown	11	0.83	3	2.49	1.21	0.24	–	3.52
166	Vancouver South	21	1.12	2	3.55	0.56	0.06	–	2.03
039	**VANCOUVER TOTAL**	**117**	**1.32** *	**17**	**16.54**	**1.03**	**0.60**	–	**1.65**
	N.S	–	–	–	–	–	–	–	–
	PROVINCIAL TOTAL	**624**	–	**111**	–	–	–	–	–

Note: Medically Treatable Diseases – based on Charlton's definition (see Glossary). *Statistical testing indicates that observed deaths are significantly different from the expected deaths ($p<0.05$, two tailed). +Denotes significance based on less than five deaths. LHA 039 Vancouver Total may include unspecified Vancouver addresses. N.S. – Not Stated. Non-residents are excluded.

FIGURE 22

DEATHS DUE TO MEDICALLY TREATABLE DISEASES BY LOCAL HEALTH AREA

BRITISH COLUMBIA, 1995–1999


N
QUINTILE (SMR)
5 (1.517–6.972)
4 (1.119–1.476)
3 (0.894–1.075)
2 (0.651–0.891)
1 (0.000–0.587)
Statistically Significant
0 100 200 300 kms
see inset 1
see inset 2
Inset 1
0 50 kms
Inset 2
0 10 kms

Note: SMR – Standardized Mortality Ratio. Refer to Figure 1 to clarify geographical location of Local Health Areas.

HIGHLIGHTS TO TABLE 38/FIGURE 22

- The deaths identified as medically treatable (see Glossary) occurred across the province, although the numbers were relatively small in Local Health Areas (LHAs) outside the lower mainland. In 2000, there was only one LHA with a statistically significant and high Standardized Mortality Ratio (SMR) for medically treatable diseases. The ratio for this LHA (with number of medically treatable deaths in parentheses) was:

040	New Westminster	3.32	(5)

- There were no LHAs with statistically significant and low SMRs for medically treatable diseases in 2000.
- In 2000, 41 LHAs had no deaths due to medically treatable diseases. The small number of deaths from medically treatable diseases in any individual year limits the scope for analysis.
- Over the 1995–1999 period, there were two LHAs with SMRs that were statistically significant and high for deaths due to medically treatable diseases. The ratios for these LHAs (with number of medically treatable deaths in parentheses) were:

162	Vancouver Downtown E. Side	4.68	(39)
075	Mission	2.15	(12)

- There were three LHAs with statistically significant and low SMRs for deaths due to medically treatable diseases during the 1995–1999 period:

038	Richmond	0.45	(12)
164	Vancouver West Side	0.47	(9)
023	Central Okanagan	0.57	(13)

- Eight LHAs had no deaths from medically treatable diseases during the 1995–1999 period.

VITAL STATISTICS INFORMATION BOX

INFORMATION BOX FOR TABLE 39

ALCOHOL–RELATED DEATHS BY CAUSE AND GENDER

BRITISH COLUMBIA, 1995–1999

		Male		Female		Total	
Cause of Death	**ICD-9 Code(s)**	**Number**	**Percent**	**Number**	**Percent**	**Number**	**Percent**
Directly Related to Alcohol							
Alcoholic psychoses & dependence	291, 303	449	6.3	170	7.6	619	6.6
Alcoholic intoxication	305.0, 790.3	51	0.7	15	0.7	66	0.7
Alcoholic gastritis	535.3	14	0.2	6	0.3	20	0.2
Liver disease/cirrhosis	571.0–571.3, 571.5, 571.9	829	11.7	420	18.8	1,249	13.4
Chronic pancreatitis	577.1	11	0.2	3	0.1	14	0.2
Accidental alcohol poisoning	E860	67	0.9	28	1.3	95	1.0
Other	357.5, 425.5, 648.4, 760.7	119	1.7	11	0.5	130	1.4
Subtotal		**1,540**	**21.7**	**653**	**29.2**	**2,193**	**23.5**
Indirectly Related to Alcohol							
Infectious/parasitic diseases	001–139	191	2.7	83	3.7	274	2.9
Neoplasms	140–239	968	13.6	261	11.7	1,229	13.2
Endocrine/nutritional/metabolic diseases	240–279	172	2.4	50	2.2	222	2.4
Mental disorders	290–319	63	0.9	27	1.2	90	1.0
Neurological disorders	320–359	81	1.1	24	1.1	105	1.1
Diseases of the circulatory system	390–459	1,643	23.2	427	19.1	2,070	22.2
Diseases of the respiratory system	460–519	550	7.8	170	7.6	720	7.7
Diseases of the digestive system	520–579	274	3.9	117	5.2	391	4.2
Diseases of the urinary system	580–599	45	0.6	23	1.0	68	0.7
Accidents*	E800–E949, E970–E979, E990–E999	1,031	14.5 13.8	255	11.4	1,286	
Suicide	E950–E959	397	5.6	80	3.6	477	5.1
Homicide	E960–E969	40	0.6	10	0.4	50	0.5
Other	280–289, 360–389, 600–799	101	1.4	53	2.4	154	1.7
Subtotal		**5,556**	**78.3**	**1,580**	**70.8**	**7,136**	**76.5**
TOTAL		**7,096**	**100.0**	**2,233**	**100.0**	**9,329**	**100.0**

Note: Alcohol-related deaths – ICD9 = 291, 303, 305.0, 357.5, 425.5, 535.3, 571.0–571.3, 571.5, 571.9, 577.1, 648.4, 760.7, 790.3 or E860.
*Excludes suicide, homicide and deaths undetermined whether accidental or intentional.
Total percentage may not add up to 100 due to rounding. Non-residents are excluded.

TABLE 39

ALCOHOL-RELATED DEATHS BY CAUSE AND GENDER

BRITISH COLUMBIA, 2000

Cause of Death	ICD-10 Code(s)	Male		Female		Total	
		Number	Percent	Number	Percent	Number	Percent
Directly Related to Alcohol							
Alcoholic intoxication	F10.0	4	0.3	–	–	4	0.2
Alcoholic psychoses and dependence	F10.1–F10.9	78	6.1	29	7.1	107	6.3
Alcoholic liver disease	K70	128	10.0	51	12.6	179	10.6
Alcoholic neurological disorders	G31.2, G62.1, G72.1	1	0.1	–	–	1	0.1
Alcoholic cardiomyopathy	I42.6	10	0.8	1	0.2	11	0.7
Alcoholic gastritis	K29.2	1	0.1	–	–	1	0.1
Alcoholic chronic pancreatitis	K86.0	5	0.4	–	–	5	0.3
Alcohol poisoning	X45, X65	8	0.6	1	0.2	9	0.5
Other causes	E24.4, O35.4, O99.3, P04.3, Q86.0, R78.0, T51.0–T51.2, T51.9	–	–	–	–	–	–
Subtotal		**235**	**18.3**	**82**	**20.2**	**317**	**18.8**
Indirectly Related to Alcohol[1]							
Infectious/parasitic diseases	A00–B99	23	1.8	6	1.5	29	1.7
Neoplasms	C00–D48	191	14.9	47	11.6	238	14.1
Endocrine/nutritional/metabolic diseases	E00–E24.3, E24.8–E89	30	2.3	8	2.0	38	2.2
Mental and behavioural disorders	F00–F09, F11–F99	8	0.6	4	1.0	12	0.7
Nervous system diseases	G00–G31.1, G31.8–G62.0, G62.2–G72.0, G72.2–G99	15	1.2	9	2.2	24	1.4
Circulatory system diseases	I00–I42.5, I42.7–I99	316	24.6	94	23.2	410	24.3
Respiratory system diseases	J00–J99	95	7.4	28	6.9	123	7.3
Digestive system diseases	K00–K29.1, K29.3–K69, K71.0–K85, K86.1–K92	75	5.8	32	7.9	107	6.3
Genitourinary system diseases	N00–N39, N99.0–N99.1, N99.5	15	1.2	10	2.5	25	1.5
Unintentional injury/accidents	V01–X44, X46–X59, Y40–Y86, Y88	147	11.5	39	9.6	186	11.0
Suicide	X60–X64, X66–X84, Y87.0	71	5.5	13	3.2	84	5.0
Homicide	X85–Y09, Y87.1	4	0.3	–	–	4	0.2
All other causes		58	4.5	34	8.4	92	5.4
Subtotal		**1,048**	**81.7**	**324**	**79.8**	**1,372**	**81.2**
TOTAL		**1,283**	**100.0**	**406**	**100.0**	**1,689**	**100.0**

Note: Alcohol-related deaths – see Glossary for more details.

[1] ICD-10 codes for indirectly related to alcohol exclude the codes for directly related to alcohol and will not match the list of codes used for these categories in other tables.

Total percentage may not add up to 100 due to rounding.

Non-residents are excluded.

The output from ICD-10 mortality coding and underlying cause of death selection was modified in British Columbia to reflect the intent of certifiers in this jurisdiction and to provide greater continuity over time. Data using the standard ICD-10 rules for such categories as pneumonia/influenza, diabetes, or cancer should not be compared to the numbers shown above.

HIGHLIGHTS TO TABLE 38/FIGURE 22

- The deaths identified as medically treatable (see Glossary) occurred across the province, although the numbers were relatively small in Local Health Areas (LHAs) outside the lower mainland. In 2000, there was only one LHA with a statistically significant and high Standardized Mortality Ratio (SMR) for medically treatable diseases. The ratio for this LHA (with number of medically treatable deaths in parentheses) was:

040	New Westminster	3.32	(5)

- There were no LHAs with statistically significant and low SMRs for medically treatable diseases in 2000.
- In 2000, 41 LHAs had no deaths due to medically treatable diseases. The small number of deaths from medically treatable diseases in any individual year limits the scope for analysis.
- Over the 1995–1999 period, there were two LHAs with SMRs that were statistically significant and high for deaths due to medically treatable diseases. The ratios for these LHAs (with number of medically treatable deaths in parentheses) were:

162	Vancouver Downtown E. Side	4.68	(39)
075	Mission	2.15	(12)

- There were three LHAs with statistically significant and low SMRs for deaths due to medically treatable diseases during the 1995–1999 period:

038	Richmond	0.45	(12)
164	Vancouver West Side	0.47	(9)
023	Central Okanagan	0.57	(13)

- Eight LHAs had no deaths from medically treatable diseases during the 1995–1999 period.

VITAL STATISTICS INFORMATION BOX

INFORMATION BOX FOR TABLE 39

ALCOHOL-RELATED DEATHS BY CAUSE AND GENDER

BRITISH COLUMBIA, 1995–1999

Cause of Death	ICD-9 Code(s)	Male		Female		Total	
		Number	Percent	Number	Percent	Number	Percent
Directly Related to Alcohol							
Alcoholic psychoses & dependence	291, 303	449	6.3	170	7.6	619	6.6
Alcoholic intoxication	305.0, 790.3	51	0.7	15	0.7	66	0.7
Alcoholic gastritis	535.3	14	0.2	6	0.3	20	0.2
Liver disease/cirrhosis	571.0–571.3, 571.5, 571.9	829	11.7	420	18.8	1,249	13.4
Chronic pancreatitis	577.1	11	0.2	3	0.1	14	0.2
Accidental alcohol poisoning	E860	67	0.9	28	1.3	95	1.0
Other	357.5, 425.5, 648.4, 760.7	119	1.7	11	0.5	130	1.4
Subtotal		**1,540**	**21.7**	**653**	**29.2**	**2,193**	**23.5**
Indirectly Related to Alcohol							
Infectious/parasitic diseases	001–139	191	2.7	83	3.7	274	2.9
Neoplasms	140–239	968	13.6	261	11.7	1,229	13.2
Endocrine/nutritional/metabolic diseases	240–279	172	2.4	50	2.2	222	2.4
Mental disorders	290–319	63	0.9	27	1.2	90	1.0
Neurological disorders	320–359	81	1.1	24	1.1	105	1.1
Diseases of the circulatory system	390–459	1,643	23.2	427	19.1	2,070	22.2
Diseases of the respiratory system	460–519	550	7.8	170	7.6	720	7.7
Diseases of the digestive system	520–579	274	3.9	117	5.2	391	4.2
Diseases of the urinary system	580–599	45	0.6	23	1.0	68	0.7
Accidents*	E800–E949, E970–E979,	1,031	14.5	255	11.4	1,286	
	E990–E999		13.8				
Suicide	E950–E959	397	5.6	80	3.6	477	5.1
Homicide	E960–E969	40	0.6	10	0.4	50	0.5
Other	280–289, 360–389, 600–799	101	1.4	53	2.4	154	1.7
Subtotal		**5,556**	**78.3**	**1,580**	**70.8**	**7,136**	**76.5**
TOTAL		**7,096**	**100.0**	**2,233**	**100.0**	**9,329**	**100.0**

Note: Alcohol-related deaths – ICD9 = 291, 303, 305.0, 357.5, 425.5, 535.3, 571.0–571.3, 571.5, 571.9, 577.1, 648.4, 760.7, 790.3 or E860.
*Excludes suicide, homicide and deaths undetermined whether accidental or intentional.
Total percentage may not add up to 100 due to rounding. Non-residents are excluded.

Table 39
ALCOHOL-RELATED DEATHS BY CAUSE AND GENDER
British Columbia, 2000

Cause of Death	ICD-10 Code(s)	Male		Female		Total	
		Number	Percent	Number	Percent	Number	Percent
Directly Related to Alcohol							
Alcoholic intoxication	F10.0	4	0.3	–	–	4	0.2
Alcoholic psychoses and dependence	F10.1–F10.9	78	6.1	29	7.1	107	6.3
Alcoholic liver disease	K70	128	10.0	51	12.6	179	10.6
Alcoholic neurological disorders	G31.2, G62.1, G72.1	1	0.1	–	–	1	0.1
Alcoholic cardiomyopathy	I42.6	10	0.8	1	0.2	11	0.7
Alcoholic gastritis	K29.2	1	0.1	–	–	1	0.1
Alcoholic chronic pancreatitis	K86.0	5	0.4	–	–	5	0.3
Alcohol poisoning	X45, X65	8	0.6	1	0.2	9	0.5
Other causes	E24.4, O35.4, O99.3, P04.3, Q86.0, R78.0, T51.0–T51.2, T51.9	–	–	–	–	–	–
Subtotal		**235**	**18.3**	**82**	**20.2**	**317**	**18.8**
Indirectly Related to Alcohol[1]							
Infectious/parasitic diseases	A00–B99	23	1.8	6	1.5	29	1.7
Neoplasms	C00–D48	191	14.9	47	11.6	238	14.1
Endocrine/nutritional/metabolic diseases	E00–E24.3, E24.8–E89	30	2.3	8	2.0	38	2.2
Mental and behavioural disorders	F00–F09, F11–F99	8	0.6	4	1.0	12	0.7
Nervous system diseases	G00–G31.1, G31.8–G62.0, G62.2–G72.0, G72.2–G99	15	1.2	9	2.2	24	1.4
Circulatory system diseases	I00–I42.5, I42.7–I99	316	24.6	94	23.2	410	24.3
Respiratory system diseases	J00–J99	95	7.4	28	6.9	123	7.3
Digestive system diseases	K00–K29.1, K29.3–K69, K71.0–K85, K86.1–K92	75	5.8	32	7.9	107	6.3
Genitourinary system diseases	N00–N39, N99.0–N99.1, N99.5	15	1.2	10	2.5	25	1.5
Unintentional injury/accidents	V01–X44, X46–X59, Y40–Y86, Y88	147	11.5	39	9.6	186	11.0
Suicide	X60–X64, X66–X84, Y87.0	71	5.5	13	3.2	84	5.0
Homicide	X85–Y09, Y87.1	4	0.3	–	–	4	0.2
All other causes		58	4.5	34	8.4	92	5.4
Subtotal		**1,048**	**81.7**	**324**	**79.8**	**1,372**	**81.2**
TOTAL		**1,283**	**100.0**	**406**	**100.0**	**1,689**	**100.0**

Note: Alcohol-related deaths – see Glossary for more details.

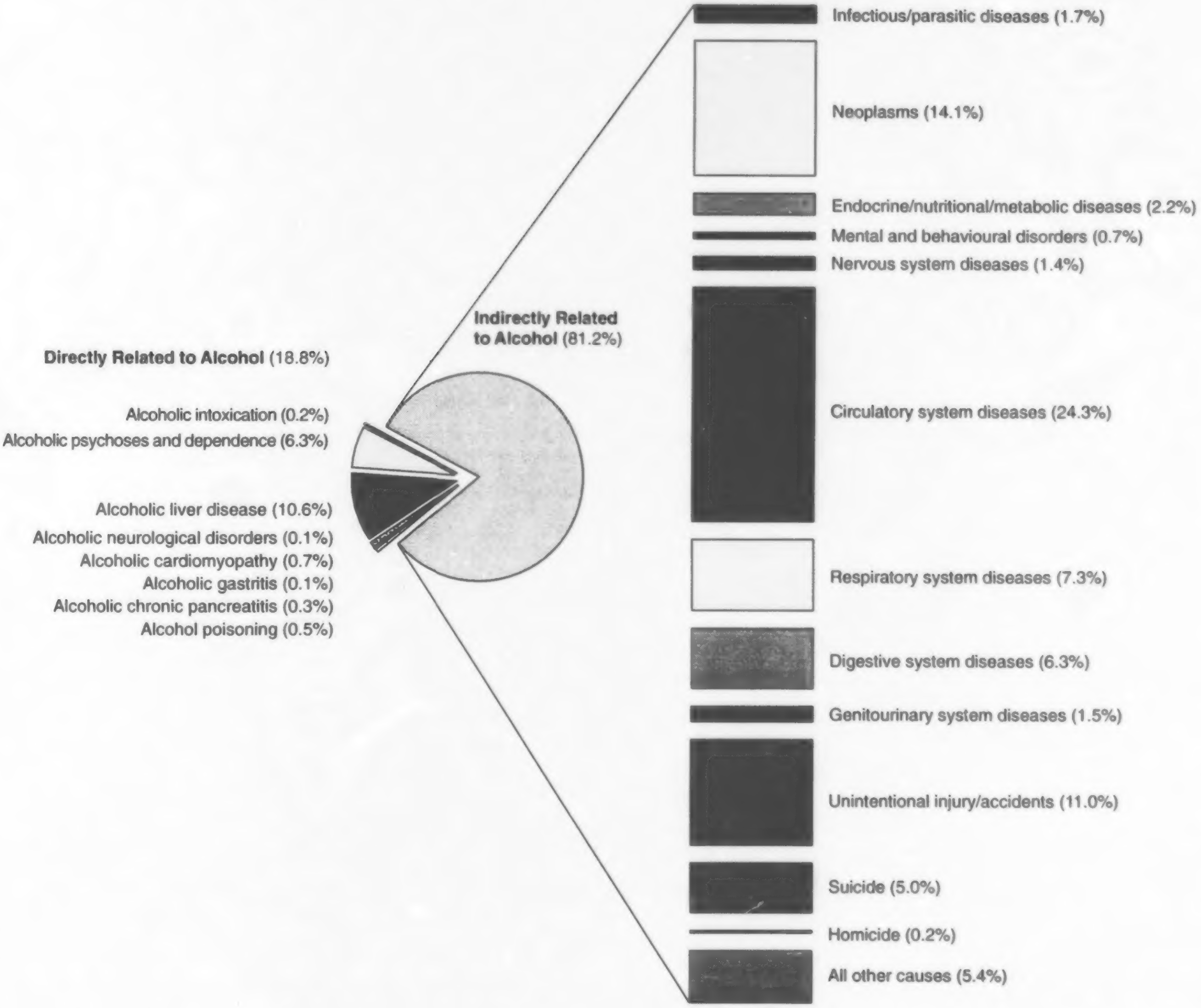
[1] ICD-10 codes for indirectly related to alcohol exclude the codes for directly related to alcohol and will not match the list of codes used for these categories in other tables.

Total percentage may not add up to 100 due to rounding.

Non-residents are excluded.

The output from ICD-10 mortality coding and underlying cause of death selection was modified in British Columbia to reflect the intent of certifiers in this jurisdiction and to provide greater continuity over time. Data using the standard ICD-10 rules for such categories as pneumonia/influenza, diabetes, or cancer should not be compared to the numbers shown above.

FIGURE 23
ALCOHOL-RELATED DEATHS BY CAUSE
BRITISH COLUMBIA, 2000



See Table 39 for ICD-10 codes for each category.

HIGHLIGHTS TO TABLE 39/FIGURE 23

- Deaths that are 'directly' related to alcohol are identified by specific underlying causes of death which involve alcohol. Deaths 'indirectly' related to alcohol do not have an alcohol-related underlying cause of death, but alcohol was noted somewhere on the *Medical Certification of Death*.
- There were 1,689 deaths that were directly or indirectly related to alcohol in 2000; only 317 deaths (18.8%) were directly related to alcohol, and 1,372 (81.2%) were due to other causes.
- In 2000, alcoholic liver disease accounted for more than half (56.5%) of the deaths directly related to alcohol, while another third (33.8%) were due to alcoholic psychoses and dependence.
- Circulatory system diseases were the largest category of deaths indirectly related to alcohol, accounting for over one quarter (29.9%) of these deaths in 2000. Other causes of death in the indirect group that were responsible for more than 150 deaths were neoplasms (17.3%) and unintentional injury/accident (13.6%).
- The distribution of alcohol-related deaths by cause was similar for males and females.

TABLE 40
ALCOHOL-RELATED DEATHS BY AGE AND GENDER
BRITISH COLUMBIA, 2000

Age	Male		Female		Total	
	Number	Percent	Number	Percent	Number	Percent
<15	–	–	–	–	–	–
15–19	9	0.7	–	–	9	0.5
20–24	20	1.6	4	1.0	24	1.4
25–44	169	13.2	58	14.3	227	13.4
45–64	459	35.8	141	34.7	600	35.5
65–84	558	43.5	159	39.2	717	42.5
85+	68	5.3	44	10.8	112	6.6
TOTAL	**1,283**	**100.0**	**406**	**100.0**	**1,689**	**100.0**

Note: Alcohol-related deaths – see Table 39 for ICD-10 codes and Glossary for more details.
Total percentage may not add up to 100 due to rounding.
Non-residents are excluded.
The output from ICD-10 mortality coding and underlying cause of death selection was modified in British Columbia to reflect the intent of certifiers in this jurisdiction and to provide greater continuity over time. Data using the standardICD-10 rules for such categories as pneumonia/influenza, diabetes, or cancer should not be compared to the numbers shown above.

HIGHLIGHTS TO TABLE 40

- There were 1,689 alcohol-related deaths in 2000.
- Out of every 100 alcohol-related deaths in 2000 approximately:
  - 76 were males (1,283)
  - 24 were females (406)
- About one half of all alcohol related deaths were seniors (717 deaths aged 65–84 and 112 aged 85+) and one third (35.5%) were aged 45–64 (600 deaths).
- The proportion of alcohol-related deaths by age were similar for males and females, except that all the alcohol-related deaths under age 20 (9 deaths) in 2000 were males.

HIGHLIGHTS TO TABLE 39/FIGURE 23

- Deaths that are 'directly' related to alcohol are identified by specific underlying causes of death which involve alcohol. Deaths 'indirectly' related to alcohol do not have an alcohol-related underlying cause of death, but alcohol was noted somewhere on the *Medical Certification of Death*.
- There were 1,689 deaths that were directly or indirectly related to alcohol in 2000; only 317 deaths (18.8%) were directly related to alcohol, and 1,372 (81.2%) were due to other causes.
- In 2000, alcoholic liver disease accounted for more than half (56.5%) of the deaths directly related to alcohol, while another third (33.8%) were due to alcoholic psychoses and dependence.
- Circulatory system diseases were the largest category of deaths indirectly related to alcohol, accounting for over one quarter (29.9%) of these deaths in 2000. Other causes of death in the indirect group that were responsible for more than 150 deaths were neoplasms (17.3%) and unintentional injury/accident (13.6%).
- The distribution of alcohol-related deaths by cause was similar for males and females.

TABLE 40

ALCOHOL-RELATED DEATHS BY AGE AND GENDER

BRITISH COLUMBIA, 2000

Age	Male		Female		Total	
	Number	Percent	Number	Percent	Number	Percent
<15	–	–	–	–	–	–
15–19	9	0.7	–	–	9	0.5
20–24	20	1.6	4	1.0	24	1.4
25–44	169	13.2	58	14.3	227	13.4
45–64	459	35.8	141	34.7	600	35.5
65–84	558	43.5	159	39.2	717	42.5
85+	68	5.3	44	10.8	112	6.6
TOTAL	**1,283**	**100.0**	**406**	**100.0**	**1,689**	**100.0**

Note: Alcohol-related deaths – see Table 39 for ICD-10 codes and Glossary for more details.
Total percentage may not add up to 100 due to rounding.
Non-residents are excluded.
The output from ICD-10 mortality coding and underlying cause of death selection was modified in British Columbia to reflect the intent of certifiers in this jurisdiction and to provide greater continuity over time. Data using the standardICD-10 rules for such categories as pneumonia/influenza, diabetes, or cancer should not be compared to the numbers shown above.

HIGHLIGHTS TO TABLE 40

- There were 1,689 alcohol-related deaths in 2000.
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  - 76 were males (1,283)
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- The proportion of alcohol-related deaths by age were similar for males and females, except that all the alcohol-related deaths under age 20 (9 deaths) in 2000 were males.

STANDARDIZED MORTALITY RATIO BY LOCAL HEALTH AREA, ALCOHOL-RELATED DEATHS

Local Health Area		1995–1999			2000						
		Observed Deaths	SMR	(p)	Observed Deaths	Expected Deaths	SMR	(p)	95% Confidence Interval		
									Lower		Upper
001	Fernie	21	0.63	*	7	6.10	1.15		0.46	–	2.37
002	Cranbrook	54	0.93		19	10.12	1.88	*	1.13	–	2.93
003	Kimberley	30	1.16		12	5.00	2.40	*	1.24	–	4.20
004	Windermere	22	1.03		2	3.59	0.56		0.06	–	2.01
005	Creston	39	0.92		10	8.11	1.23		0.59	–	2.27
006/007	Kootenay Lake/Nelson	95	1.33	*	18	13.65	1.32		0.78	–	2.08
009	Castlegar	36	1.06		12	6.38	1.88		0.97	–	3.28
010	Arrow Lakes	17	1.14		5	2.84	1.76		0.57	–	4.11
011	Trail	63	1.09		15	11.61	1.27		0.71	–	2.10
012/013	Grand Forks/Kettle Valley	50	1.28		5	7.15	0.70		0.23	–	1.63
014	Southern Okanagan	68	0.95		17	12.62	1.35		0.78	–	2.16
015	Penticton	153	1.17		26	24.02	1.08		0.71	–	1.59
016	Keremeos	19	1.11		6	3.05	1.97		0.72	–	4.28
017	Princeton	16	1.04		9	2.78	3.24	*	1.48	–	6.14
018	Golden	9	0.60		4	2.68	1.49		0.40	–	3.83
019	Revelstoke	25	1.32		5	3.60	1.39		0.45	–	3.24
020	Salmon Arm	77	0.81		14	16.42	0.85		0.47	–	1.43
021	Armstrong–Spallumcheen	19	0.77		4	4.49	0.89		0.24	–	2.28
022	Vernon	182	1.14		34	28.32	1.20		0.83	–	1.68
023	Central Okanagan	355	0.88	*	72	69.97	1.03		0.81	–	1.30
024	Kamloops	327	1.38	*	54	40.92	1.32		0.99	–	1.72
025	100 Mile House	66	1.64	*	14	6.78	2.07	*	1.13	–	3.47
026	North Thompson	10	0.97		5	1.87	2.67		0.86	–	6.23
027	Cariboo–Chilcotin	78	1.43	*	15	9.59	1.56		0.88	–	2.58
028	Quesnel	46	0.84		10	9.83	1.02		0.49	–	1.87
029	Lillooet	25	2.47	*	12	1.95	6.15	*	3.17	–	10.74
030	South Cariboo	28	1.38		2	3.58	0.56		0.06	–	2.02
031	Merritt	57	2.22	*	12	4.63	2.59	*	1.34	–	4.53
032	Hope	39	1.64	*	9	4.29	2.10		0.96	–	3.98
033	Chilliwack	157	0.89		29	30.98	0.94		0.63	–	1.34
034	Abbotsford	143	0.55	*	29	44.53	0.65	*	0.44	–	0.94
035	Langley	187	0.76	*	26	40.73	0.64	*	0.42	–	0.94
036	Surrey	563	0.74	*	100	125.19	0.80	*	0.65	–	0.97
037	Delta	143	0.66	*	27	38.25	0.71		0.47	–	1.03
038	Richmond	163	0.46	*	31	59.62	0.52	*	0.35	–	0.74
040	New Westminster	180	1.37	*	33	25.51	1.29		0.89	–	1.82
041	Burnaby	383	0.85	*	63	85.35	0.74	*	0.57	–	0.94
042	Maple Ridge	124	0.81	*	30	25.72	1.17		0.79	–	1.66
043	Coquitlam	275	0.78	*	51	57.70	0.88		0.66	–	1.16
044	North Vancouver	252	0.86	*	44	54.30	0.81		0.59	–	1.09
045	West Vancouver–Bowen Is.	92	0.59	*	11	30.25	0.36	*	0.18	–	0.65
046	Sunshine Coast	89	1.16		18	13.24	1.36		0.81	–	2.15
047	Powell River	78	1.40	*	12	10.51	1.14		0.59	–	1.99
048	Howe Sound	81	1.68	*	10	7.49	1.33		0.64	–	2.45
049	Bella Coola Valley	17	2.79	*	–	1.12	–		–	–	–
050	Queen Charlotte	29	2.81	*	4	1.85	2.16		0.58	–	5.53
051	Snow Country	1	0.61		1	0.36	2.80		0.04	–	15.56
052	Prince Rupert	70	2.11	*	18	6.41	2.81	*	1.66	–	4.43
053	Upper Skeena	22	2.26	*	9	1.70	5.30	*	2.42	–	10.07
054	Smithers	38	1.21		6	5.42	1.11		0.40	–	2.41
055/093	Burns Lake/Eutsuk	19	1.18		5	2.83	1.76		0.57	–	4.12
056	Nechako	40	1.21		10	5.86	1.71		0.82	–	3.14
057	Prince George	181	0.99		35	31.89	1.10		0.76	–	1.53
059	Peace River South	71	1.31	*	21	10.20	2.06	*	1.27	–	3.15
060	Peace River North	42	0.85		6	8.73	0.69		0.25	–	1.50
061	Greater Victoria	625	1.09	*	121	117.75	1.03		0.85	–	1.23
062	Sooke	103	0.93		12	19.66	0.61		0.32	–	1.07
063	Saanich	142	0.72	*	21	33.70	0.62	*	0.39	–	0.95
064	Gulf Islands	43	0.87		5	8.84	0.57		0.18	–	1.32
065	Cowichan	121	0.90		23	23.07	1.00		0.63	–	1.50
066	Lake Cowichan	13	0.82		7	2.81	2.49		1.00	–	5.14
067	Ladysmith	64	1.33	*	15	8.74	1.72		0.96	–	2.83
068	Nanaimo	246	1.06		57	39.83	1.43	*	1.08	–	1.85
069	Qualicum	100	0.72	*	17	22.22	0.77		0.45	–	1.23
070	Alberni	123	1.57	*	19	14.71	1.29		0.78	–	2.02
071	Courtenay	122	0.83	*	27	24.63	1.10		0.72	–	1.59
072/084	Campbell River/V.I. West	138	1.50	*	37	15.78	2.34	*	1.65	–	3.23
075	Mission	66	0.86		13	13.75	0.95		0.50	–	1.62
076	Agassiz–Harrison	19	0.97		4	3.31	1.21		0.32	–	3.09
077	Summerland	29	0.72		1	7.41	0.14	+	0.00	–	0.75
078	Enderby	33	1.61	*	4	3.65	1.10		0.29	–	2.81
080	Kitimat	26	1.10		2	4.28	0.47		0.05	–	1.69
081	Fort Nelson	7	0.86		1	1.38	0.72		0.01	–	4.02
083	Central Coast	18	5.08	*	2	0.57	3.48		0.39	–	12.57
085	Vancouver Island North	54	2.05	*	14	4.67	3.00	*	1.64	–	5.03
087/094	Stikine/Telegraph Creek	13	3.41	*	3	0.78	3.84		0.77	–	11.22
088	Terrace	64	1.56	*	8	7.13	1.12		0.48	–	2.21
092	Nisga'a	11	3.08	*	–	0.57	–		–	–	–
161	Vancouver City Centre	324	1.60	*	48	39.39	1.22		0.90	–	1.62
162	Vancouver Downtown E. Side	602	4.34	*	60	27.41	2.19	*	1.67	–	2.82
163	Vancouver North East	170	0.79	*	32	40.08	0.80		0.55	–	1.13
164	Vancouver West Side	165	0.59	*	18	57.69	0.31	*	0.18	–	0.49
165	Vancouver Midtown	223	1.21	*	25	36.70	0.68		0.44	–	1.01
166	Vancouver South	212	0.74	*	34	56.59	0.60	*	0.42	–	0.84
039	**VANCOUVER TOTAL**	**1,716**	**1.31**	*	**217**	**258**	**0.84**	*	**0.73**	–	**0.96**
	N.S	13	–		1	–	–		–	–	–
	PROVINCIAL TOTAL	**9,375**	–		**1,689**	–	–		–	–	–

Note: *Statistical testing indicates that observed deaths are significantly different from the expected deaths ($p<0.05$, two tailed). +Denotes significance based on less than five deaths. LHA 039 Vancouver Total may include unspecified Vancouver addresses.
N.S. – Not Stated. Non-residents are excluded.

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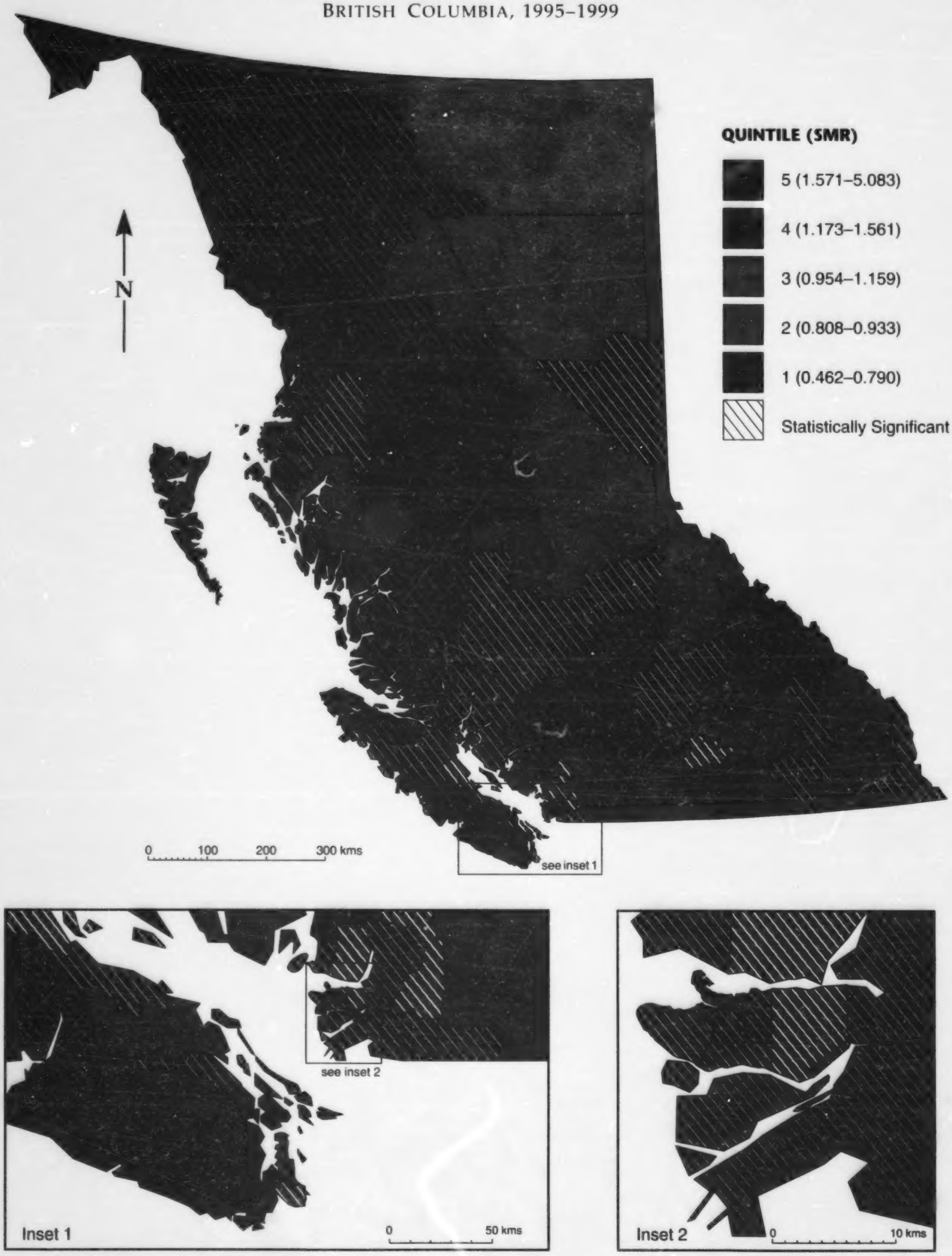
STANDARDIZED MORTALITY RATIO BY LOCAL HEALTH AREA, ALCOHOL-RELATED DEATHS

		1995–1999			2000				95% Confidence Interval		
Local Health Area		Observed Deaths	SMR	(p)	Observed Deaths	Expected Deaths	SMR	(p)	Lower		Upper
001	Fernie	21	0.63	*	7	6.10	1.15		0.46	–	2.37
002	Cranbrook	54	0.93		19	10.12	1.88	*	1.13	–	2.93
003	Kimberley	30	1.16		12	5.00	2.40	*	1.24	–	4.20
004	Windermere	22	1.03		2	3.59	0.56		0.06	–	2.01
005	Creston	39	0.92		10	8.11	1.23		0.59	–	2.27
006/007	Kootenay Lake/Nelson	95	1.33	*	18	13.65	1.32		0.78	–	2.08
009	Castlegar	36	1.06		12	6.38	1.88		0.97	–	3.28
010	Arrow Lakes	17	1.14		5	2.84	1.76		0.57	–	4.11
011	Trail	63	1.09		15	11.81	1.27		0.71	–	2.10
012/013	Grand Forks/Kettle Valley	50	1.28		5	7.15	0.70		0.23	–	1.63
014	Southern Okanagan	68	0.95		17	12.62	1.35		0.78	–	2.16
015	Penticton	153	1.17		26	24.02	1.08		0.71	–	1.59
016	Keremeos	19	1.11		6	3.05	1.97		0.72	–	4.28
017	Princeton	16	1.04		9	2.78	3.24	*	1.48	–	6.14
018	Golden	9	0.60		4	2.68	1.49		0.40	–	3.83
019	Revelstoke	25	1.32		5	3.60	1.39		0.45	–	3.24
020	Salmon Arm	77	0.81		14	16.42	0.85		0.47	–	1.43
021	Armstrong–Spallumcheen	19	0.77		4	4.49	0.89		0.24	–	2.28
022	Vernon	182	1.14		34	28.32	1.20		0.83	–	1.68
023	Central Okanagan	355	0.88	*	72	69.97	1.03		0.81	–	1.30
024	Kamloops	327	1.38	*	54	40.92	1.32		0.99	–	1.72
025	100 Mile House	66	1.64	*	14	6.78	2.07	*	1.13	–	3.47
026	North Thompson	10	0.97		5	1.87	2.67		0.86	–	6.23
027	Cariboo–Chilcotin	78	1.43	*	15	9.59	1.56		0.88	–	2.58
028	Quesnel	46	0.84		10	9.83	1.02		0.49	–	1.87
029	Lillooet	25	2.47	*	12	1.95	6.15	*	3.17	–	10.74
030	South Cariboo	28	1.38		2	3.58	0.56		0.06	–	2.02
031	Merritt	57	2.22	*	12	4.63	2.59	*	1.34	–	4.53
032	Hope	39	1.64	*	9	4.29	2.10		0.96	–	3.98
033	Chilliwack	157	0.89		29	30.98	0.94		0.63	–	1.34
034	Abbotsford	143	0.55	*	29	44.53	0.65	*	0.44	–	0.94
035	Langley	187	0.76	*	26	40.73	0.64	*	0.42	–	0.94
036	Surrey	563	0.74	*	100	125.19	0.80	*	0.65	–	0.97
037	Delta	143	0.66	*	27	38.25	0.71		0.47	–	1.03
038	Richmond	163	0.46	*	31	59.62	0.52	*	0.35	–	0.74
040	New Westminster	180	1.37	*	33	25.51	1.29		0.89	–	1.82
041	Burnaby	383	0.85	*	63	85.35	0.74	*	0.57	–	0.94
042	Maple Ridge	124	0.81	*	30	25.72	1.17		0.79	–	1.66
043	Coquitlam	275	0.78	*	51	57.70	0.88		0.66	–	1.16
044	North Vancouver	252	0.86	*	44	54.30	0.81		0.59	–	1.09
045	West Vancouver–Bowen Is.	92	0.59	*	11	30.25	0.36	*	0.18	–	0.65
046	Sunshine Coast	89	1.16		18	13.24	1.36		0.81	–	2.15
047	Powell River	78	1.40	*	12	10.51	1.14		0.59	–	1.99
048	Howe Sound	81	1.68	*	10	7.49	1.33		0.64	–	2.45
049	Bella Coola Valley	17	2.79	*	–	1.12	–		–	–	–
050	Queen Charlotte	29	2.81	*	4	1.85	2.16		0.58	–	5.53
051	Snow Country	1	0.61		1	0.36	2.80		0.04	–	15.56
052	Prince Rupert	70	2.11	*	18	6.41	2.81	*	1.66	–	4.43
053	Upper Skeena	22	2.26	*	9	1.70	5.30	*	2.42	–	10.07
054	Smithers	38	1.21		6	5.42	1.11		0.40	–	2.41
055/093	Burns Lake/Eutsuk	19	1.18		5	2.83	1.76		0.57	–	4.12
056	Nechako	40	1.21		10	5.86	1.71		0.82	–	3.14
057	Prince George	181	0.99		35	31.89	1.10		0.76	–	1.53
059	Peace River South	71	1.31	*	21	10.20	2.06	*	1.27	–	3.15
060	Peace River North	42	0.85		6	8.73	0.69		0.25	–	1.50
061	Greater Victoria	625	1.09	*	121	117.75	1.03		0.85	–	1.23
062	Sooke	103	0.93		12	19.66	0.61		0.32	–	1.07
063	Saanich	142	0.72	*	21	33.70	0.62	*	0.39	–	0.95
064	Gulf Islands	43	0.87		5	8.84	0.57		0.18	–	1.32
065	Cowichan	121	0.90		23	23.07	1.00		0.63	–	1.50
066	Lake Cowichan	13	0.82		7	2.81	2.49		1.00	–	5.14
067	Ladysmith	64	1.33	*	15	8.74	1.72		0.96	–	2.83
068	Nanaimo	246	1.06		57	39.83	1.43	*	1.08	–	1.85
069	Qualicum	100	0.72	*	17	22.22	0.77		0.45	–	1.23
070	Alberni	123	1.57	*	19	14.71	1.29		0.78	–	2.02
071	Courtenay	122	0.83	*	27	24.63	1.10		0.72	–	1.59
072/084	Campbell River/V.I. West	138	1.50	*	37	15.78	2.34	*	1.65	–	3.23
075	Mission	66	0.86		13	13.75	0.95		0.50	–	1.62
076	Agassiz–Harrison	19	0.97		4	3.31	1.21		0.32	–	3.09
077	Summerland	29	0.72		1	7.41	0.14	+	0.00	–	0.75
078	Enderby	33	1.61	*	4	3.65	1.10		0.29	–	2.81
080	Kitimat	26	1.10		2	4.28	0.47		0.05	–	1.69
081	Fort Nelson	7	0.86		1	1.38	0.72		0.01	–	4.02
083	Central Coast	18	5.08	*	2	0.57	3.48		0.39	–	12.57
085	Vancouver Island North	54	2.05	*	14	4.67	3.00	*	1.64	–	5.03
087/094	Stikine/Telegraph Creek	13	3.41	*	3	0.78	3.84		0.77	–	11.22
088	Terrace	64	1.56	*	8	7.13	1.12		0.48	–	2.21
092	Nisga'a	11	3.08	*	–	0.57	–		–	–	–
161	Vancouver City Centre	324	1.60	*	48	39.39	1.22		0.90	–	1.62
162	Vancouver Downtown E. Side	602	4.34	*	60	27.41	2.19	*	1.67	–	2.82
163	Vancouver North East	170	0.79	*	32	40.08	0.80		0.55	–	1.13
164	Vancouver West Side	165	0.59	*	18	57.69	0.31	*	0.18	–	0.49
165	Vancouver Midtown	223	1.21	*	25	36.70	0.68		0.44	–	1.01
166	Vancouver South	212	0.74	*	34	56.59	0.60	*	0.42	–	0.84
039	**VANCOUVER TOTAL**	**1,716**	**1.31**	*	**217**	**258**	**0.84**	*	**0.73**	–	**0.96**
	N.S	13	–		1	–	–		–	–	–
	PROVINCIAL TOTAL	**9,375**	–		**1,889**	–	–		–	–	–

Note: *Statistical testing indicates that observed deaths are significantly different from the expected deaths (p<0.05, two tailed). +Denotes significance based on less than five deaths. LHA 039 Vancouver Total may include unspecified Vancouver addresses.
N.S. – Not Stated. Non-residents are excluded.

+2 F3

FIGURE 24
ALCOHOL-RELATED DEATHS BY LOCAL HEALTH AREA
BRITISH COLUMBIA, 1995–1999


QUINTILE (SMR)
5 (1.571–5.083)
4 (1.173–1.561)
3 (0.954–1.159)
2 (0.808–0.933)
1 (0.462–0.790)
Statistically Significant
N
0
100
200
300 kms
see inset 1
see inset 2
Inset 1
0
50 kms
Inset 2
0
10 kms

Note: SMR – Standardized Mortality Ratio. Refer to Figure 1 to clarify geographical location of Local Health Areas.

HIGHLIGHTS TO TABLE 41/FIGURE 24

- In 2000, there were 13 LHAs with statistically significant and high Standardized Mortality Ratios (SMRs) for alcohol-related deaths. The ratios for the five highest (number of deaths in parentheses) were:

029	Lillooet	6.15	(12)
053	Upper Skeena	5.30	(9)
017	Princeton	3.24	(9)
085	Vancouver Island North	3.00	(14)
052	Prince Rupert	2.81	(18)

- All the above LHAs, with the exception of Princeton, also had statistically significant and high SMRs for alcohol-related deaths in 1995–1999.
- In 2000, Bella Coola Valley and Nisga'a had no alcohol-related deaths.
- There were nine LHAs with statistically significant and low SMRs for alcohol-related deaths (based on five or more deaths) in 2000. The five LHAs with low SMRs (number of deaths in parentheses) were:

164	Vancouver West Side	0.31	(18)
045	West Vancouver–Bowen Is.	0.36	(11)
038	Richmond	0.52	(31)
166	Vancouver South	0.60	(34)
063	Saanich	0.62	(21)

- In the 1995–1999 period, there were 28 LHAs with statistically significant and high SMRs for alcohol-related deaths. The five LHAs with the highest statistically significant SMRs (number of deaths in parentheses) were:

083	Central Coast	5.08	(18)
162	Vancouver Downtown E. Side	4.34	(602)
087/094	Stikine/Telegraph Creek	3.41	(13)
092	Nisga'a	3.08	(11)
050	Queen Charlotte	2.81	(29)

- In the 1995–1999 period, there were 18 LHAs with statistically significant and low SMRs for alcohol-related deaths. The five LHAs with the lowest statistically significant SMRs (number of deaths in parentheses) were:

038	Richmond	0.46	(163)
034	Abbotsford	0.55	(143)
164	Vancouver West Side	0.59	(165)
045	West Vancouver–Bowen Is.	0.59	(92)
001	Fernie	0.63	(21)

TABLE 42

SMOKING-ATTRIBUTABLE MORTALITY

BRITISH COLUMBIA, 2000

		Male				Female				Total		
				SAM				SAM			SAM	
Cause of Death	ICD-10 Code(s)	Deaths	SAM(%)	Number	Percent	Deaths	SAM(%)	Number	Percent	Deaths	Number	Percent
Malignant Neoplasms												
Malignant neoplasm of lip, oral cavity, and pharynx	C00–C14	70	91.2	64	1.9	45	59.9	27	1.3	115	91	1.7
Malignant neoplasm of esophagus	C15	149	78.2	117	3.5	50	71.0	36	1.7	199	153	2.8
Malignant neoplasm of pancreas	C52	200	21.7	43	1.3	215	33.9	73	3.4	415	116	2.1
Malignant neoplasm of larynx	C32	44	79.7	35	1.0	6	87.2	5	0.2	50	40	0.7
Malignant neoplasm of trachea, lung, and bronchus	C33–C34	1,103	89.3	985	29.3	841	76.5	643	29.9	1,944	1,628	29.5
Malignant neoplasm of cervix, uterus	C53–C55	–	–	–	–	116	33.9	39	1.8	116	39	0.7
Malignant neoplasm of urinary bladder	C67	124	44.8	56	1.7	55	37.6	21	1.0	179	77	1.4
Malignant neoplasm of kidney and other unspecified urinary organs	C64–C66, C68	95	46.8	44	1.3	59	12.4	7	0.3	154	51	0.9
SUBTOTAL		**1,785**		**1,344**	**40.0**	**1,387**		**851**	**39.5**	**3,172**	**2,195**	**39.8**
Circulatory System Diseases												
Hypertension	I10–I13	71	24.6	17	0.5	134	16.4	22	1.0	205	39	0.7
Ischemic heart disease:	I20–I25											
35–64 Years		445	43.2	192	5.7	110	36.5	40	1.9	555	232	4.2
65+ Years		2,222	21.1	469	14.0	2,028	14.6	296	13.8	4,250	765	13.9
Other heart diseases	I01–I09, I27, I30–I52	770	26.5	204	6.1	940	19.4	182	8.5	1,710	386	7.0
Cerebrovascular disease:	I60–I69											
35–64 Years		78	44.8	35	1.0	65	49.3	32	1.5	143	67	1.2
65+ Years		840	23.4	197	5.9	1,220	4.8	59	2.7	2,060	256	4.6
Atherosclerosis	I70	61	55.5	34	1.0	69	31.7	22	1.0	130	56	1.0
Aortic aneurysm	I71	153	55.5	85	2.5	100	31.7	32	1.5	253	117	2.1
Other arterial diseases	I26, I28, I72–I78	103	55.5	57	1.7	105	31.7	33	1.5	208	90	1.6
SUBTOTAL		**4,743**		**1,290**	**38.4**	**4,771**		**718**	**33.4**	**9,514**	**2,008**	**36.4**
Respiratory System Diseases												
Pneumonia/influenza	J10–J18.1, J18.8–J18.9	519	32.7	170	5.1	614	26.3	161	7.5	1,133	331	6.0
Bronchitis, emphysema	J40–J43	74	84.7	63	1.9	56	79.2	44	2.0	130	107	1.9
Chronic obstructive pulmonary disease	J44	577	84.7	489	14.5	466	79.2	369	17.1	1,043	858	15.6
Other respiratory diseases	A15–A19, J45–J46	21	32.7	7	0.2	31	26.3	8	0.4	52	15	0.3
SUBTOTAL		**1,191**		**729**	**21.7**	**1,167**		**582**	**27.0**	**2,358**	**1,311**	**23.8**
TOTAL		**7,719**		**3,362**	**100.0**	**7,325**		**2,152**	**100.0**	**15,044**	**5,514**	**100.0**

Note: Deaths are the total number of deaths aged 35+ years or as specified in the diagnostic category.
SAM – Smoking-Attributable Mortality, derived by multiplying the SAM(%) by the number of deaths in each category (see Glossary).
Non-residents are excluded.
The output from ICD-10 mortality coding and underlying cause of death selection was modified in British Columbia to reflect the intent of certifiers in this jurisdiction and to provide greater continuity over time. Data using the standard ICD-10 rules for such categories as pneumonia/influenza, diabetes, or cancer should not be compared to the numbers shown above.

TABLE 42
SMOKING-ATTRIBUTABLE MORTALITY
BRITISH COLUMBIA, 2000

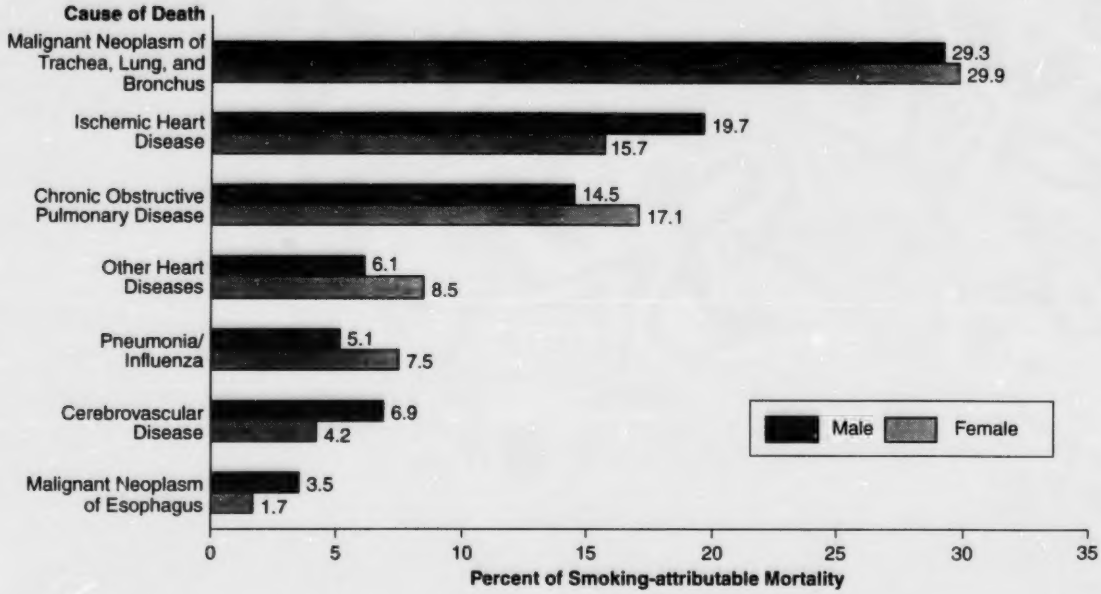
		Male				Female				Total		
				SAM				SAM			SAM	
Cause of Death	ICD-10 Code(s)	Deaths	SAM(%)	Number	Percent	Deaths	SAM(%)	Number	Percent	Deaths	Number	Percent
Malignant Neoplasms												
Malignant neoplasm of lip, oral cavity, and pharynx	C00–C14	70	91.2	64	1.9	45	59.9	27	1.3	115	91	1.7
Malignant neoplasm of esophagus	C15	149	78.2	117	3.5	50	71.0	36	1.7	199	153	2.8
Malignant neoplasm of pancreas	C52	200	21.7	43	1.3	215	33.9	73	3.4	415	116	2.1
Malignant neoplasm of larynx	C32	44	79.7	35	1.0	6	87.2	5	0.2	50	40	0.7
Malignant neoplasm of trachea, lung, and bronchus	C33–C34	1,103	89.3	985	29.3	841	76.5	643	29.9	1,944	1,628	29.5
Malignant neoplasm of cervix, uterus	C53–C55	–	–	–	–	116	33.9	39	1.8	116	39	0.7
Malignant neoplasm of urinary bladder	C67	124	44.8	56	1.7	55	37.6	21	1.0	179	77	1.4
Malignant neoplasm of kidney and other unspecified urinary organs	C64–C66, C68	95	46.8	44	1.3	59	12.4	7	0.3	154	51	0.9
SUBTOTAL		**1,785**		**1,344**	**40.0**	**1,387**		**851**	**39.5**	**3,172**	**2,195**	**39.8**
Circulatory System Diseases												
Hypertension	I10–I13	71	24.6	17	0.5	134	16.4	22	1.0	205	39	0.7
Ischemic heart disease:	I20–I25											
35–64 Years		445	43.2	192	5.7	110	36.5	40	1.9	555	232	4.2
65+ Years		2,222	21.1	469	14.0	2,028	14.6	296	13.8	4,250	765	13.9
Other heart diseases	I01–I09, I27, I30–I52	770	26.5	204	6.1	940	19.4	182	8.5	1,710	386	7.0
Cerebrovascular disease:	I60–I69											
35–64 Years		78	44.8	35	1.0	65	49.3	32	1.5	143	67	1.2
65+ Years		840	23.4	197	5.9	1,220	4.8	59	2.7	2,060	256	4.6
Atherosclerosis	I70	61	55.5	34	1.0	69	31.7	22	1.0	130	56	1.0
Aortic aneurysm	I71	153	55.5	85	2.5	100	31.7	32	1.5	253	117	2.1
Other arterial diseases	I26, I28, I72–I78	103	55.5	57	1.7	105	31.7	33	1.5	208	90	1.6
SUBTOTAL		**4,743**		**1,290**	**38.4**	**4,771**		**718**	**33.4**	**9,514**	**2,008**	**36.4**
Respiratory System Diseases												
Pneumonia/influenza	J10–J18.1, J18.8–J18.9	519	32.7	170	5.1	614	26.3	161	7.5	1,133	331	6.0
Bronchitis, emphysema	J40–J43	74	84.7	63	1.9	56	79.2	44	2.0	130	107	1.9
Chronic obstructive pulmonary disease	J44	577	84.7	489	14.5	466	79.2	369	17.1	1,043	858	15.6
Other respiratory diseases	A15–A19, J45–J46	21	32.7	7	0.2	31	26.3	8	0.4	52	15	0.3
SUBTOTAL		**1,191**		**729**	**21.7**	**1,167**		**582**	**27.0**	**2,358**	**1,311**	**23.8**
TOTAL		**7,719**		**3,362**	**100.0**	**7,325**		**2,152**	**100.0**	**15,044**	**5,514**	**100.0**

Note: Deaths are the total number of deaths aged 35+ years or as specified in the diagnostic category.
SAM – Smoking-Attributable Mortality, derived by multiplying the SAM(%) by the number of deaths in each category (see Glossary).
Non-residents are excluded.
The output from ICD-10 mortality coding and underlying cause of death selection was modified in British Columbia to reflect the intent of certifiers in this jurisdiction and to provide greater continuity over time. Data using the standard ICD-10 rules for such categories as pneumonia/influenza, diabetes, or cancer should not be compared to the numbers shown above.

FIGURE 25

SMOKING-ATTRIBUTABLE MORTALITY BY SELECTED CAUSES AND GENDER

BRITISH COLUMBIA, 2000



Note: Ischemic heart disease includes 35–64 years and 65+ years.
Cerebrovascular disease includes 35–64 years and 65+ years.

HIGHLIGHTS TO TABLE 42/FIGURE 25

- In 2000, there were 5,514 deaths that were attributed to smoking. Smoking-attributable mortality (SAM) is based on estimates of the relative exposure risk of the adult population (age 35 or older). A detailed definition of this term is provided in the Glossary. Table 42 presents, for each specific cause of death, the total number of deaths by gender, the proportion of these deaths which are attributed to smoking (labeled SAM%), and the number of SAM deaths.
- Smoking-attributable mortality can be grouped into deaths from cancers (malignant neoplasms), circulatory system diseases and respiratory system diseases. Out of 100 smoking-attributable deaths in 2000, approximately:
  - 40 were from cancers (malignant neoplasms) (2,195)
  - 36 were from circulatory system diseases (2,008)
  - 24 were from respiratory system diseases (1,311)
- By specific causes of death, lung cancer (malignant neoplasms of trachea, lung, and bronchus) was the major contributor (1,628 deaths) to smoking-attributable mortality in 2000, followed by ischemic heart disease (997) and chronic obstructive pulmonary disease (858). Together these three causes of death accounted for 3,483 deaths or 63.2% of smoking attributable mortality in the province in 2000.
- In 2000, three in five smoking-attributable deaths were males (3,362 males or 61.0%, and 2,152 females).

TABLE 43
DRUG-INDUCED DEATHS BY AGE AND GENDER
BRITISH COLUMBIA, 2000

Age	Male		Female		Total	
	Number	Percent	Number	Percent	Number	Percent
<15	–	–	–	–	–	–
15–19	3	1.4	1	1.1	4	1.3
20–24	8	3.8	3	3.2	11	3.6
25–44	124	59.6	50	52.6	174	57.4
45–64	65	31.3	31	32.6	96	31.7
65–84	7	3.4	8	8.4	15	5.0
85+	1	0.5	2	2.1	3	1.0
TOTAL	**208**	**100.0**	**95**	**100.0**	**303**	**100.0**

Note: Excludes tobacco and alcohol.
Drug-induced deaths – see Table 44 for ICD-10 codes and Glossary for more details.
Total percentage may not add up to 100 due to rounding.
Non-residents are excluded.

HIGHLIGHTS TO TABLE 43

- There were 303 deaths in the province from drug-induced causes in 2000. This grouping of underlying causes of death includes, accidental drug poisonings, suicides involving drugs and adverse effects of drugs.
- Two thirds (68.6%) of drug-induced deaths in 2000 were males (208), compared to 95 female deaths.
- Drug induced deaths occurred in every age group 15 years of age or older. More than half (57.4%) of the drug-induced deaths in the province occurred in the 25–44 age group (174 deaths) and almost one third (31.7%) were aged 45–64 (96 deaths).
- For males, 90.9% of drug-induced deaths were in the 25–44 and 45–64 age groups combined (189 deaths). Female drug-induced deaths were similarly concentrated in these age groups, and accounted for 85.2% of female deaths (81) in this category.

VITAL STATISTICS INFORMATION BOX

INFORMATION BOX FOR TABLE 44
DRUG-INDUCED DEATHS BY CAUSE AND GENDER
BRITISH COLUMBIA, 1995–1999

Cause of Death	ICD-9 Code(s)	Male		Female		Total	
		Number	Percent	Number	Percent	Number	Percent
Drug psychoses	292	–	–	–	–	–	–
Drug dependence	304	3	0.2	2	0.3	5	0.2
Nondependent use or abuse of drugs (excluding alcohol/tobacco)	305.2–305.9	31	1.8	11	1.5	42	1.7
Accidental poisoning by drugs, medicaments and biologicals	E850–E858	1,385	78.2	403	55.4	1,788	71.6
Drugs, medicaments and biologicals (adverse effects in therapeutic use)	E930–E949	66	3.7	63	8.7	129	5.2
Suicide by drugs, medicaments and biologicals	E950.0–E950.5	252	14.2	222	30.5	474	19.0
Assault from poisoning by drugs and medicaments	E962.0	1	0.1	–	–	1	0.0
Poisoning by drugs, medicaments and biologicals, undetermined if accidentally or purposely	E980.0–E980.5	32	1.8	26	3.6	58	2.3
TOTAL		**1,770**	**100.0**	**727**	**100.0**	**2,497**	**100.0**

Note: Total percentage may not add to 100 due to rounding. Non-residents are excluded.

TABLE 43

DRUG-INDUCED DEATHS BY AGE AND GENDER

BRITISH COLUMBIA, 2000

Age	Male		Female		Total	
	Number	Percent	Number	Percent	Number	Percent
<15	–	–	–	–	–	–
15–19	3	1.4	1	1.1	4	1.3
20–24	8	3.8	3	3.2	11	3.6
25–44	124	59.6	50	52.6	174	57.4
45–64	65	31.3	31	32.6	96	31.7
65–84	7	3.4	8	8.4	15	5.0
85+	1	0.5	2	2.1	3	1.0
TOTAL	**208**	**100.0**	**95**	**100.0**	**303**	**100.0**

Note: Excludes tobacco and alcohol.
Drug-induced deaths – see Table 44 for ICD-10 codes and Glossary for more details.
Total percentage may not add up to 100 due to rounding.
Non-residents are excluded.

HIGHLIGHTS TO TABLE 43

- There were 303 deaths in the province from drug-induced causes in 2000. This grouping of underlying causes of death includes, accidental drug poisonings, suicides involving drugs and adverse effects of drugs.
- Two thirds (68.6%) of drug-induced deaths in 2000 were males (208), compared to 95 female deaths.
- Drug induced deaths occurred in every age group 15 years of age or older. More than half (57.4%) of the drug-induced deaths in the province occurred in the 25–44 age group (174 deaths) and almost one third (31.7%) were aged 45–64 (96 deaths).
- For males, 90.9% of drug-induced deaths were in the 25–44 and 45–64 age groups combined (189 deaths). Female drug-induced deaths were similarly concentrated in these age groups, and accounted for 85.2% of female deaths (81) in this category.

VITAL STATISTICS INFORMATION BOX

INFORMATION BOX FOR TABLE 44

DRUG-INDUCED DEATHS BY CAUSE AND GENDER

BRITISH COLUMBIA, 1995–1999

Cause of Death	ICD-9 Code(s)	Male		Female		Total	
		Number	Percent	Number	Percent	Number	Percent
Drug psychoses	292	–	–	–	–	–	–
Drug dependence	304	3	0.2	2	0.3	5	0.2
Nondependent use or abuse of drugs (excluding alcohol/tobacco)	305.2–305.9	31	1.8	11	1.5	42	1.7
Accidental poisoning by drugs, medicaments and biologicals	E850–E858	1,385	78.2	403	55.4	1,788	71.6
Drugs, medicaments and biologicals (adverse effects in therapeutic use)	E930–E949	66	3.7	63	8.7	129	5.2
Suicide by drugs, medicaments and biologicals	E950.0–E950.5	252	14.2	222	30.5	474	19.0
Assault from poisoning by drugs and medicaments	E962.0	1	0.1	–	–	1	0.0
Poisoning by drugs, medicaments and biologicals, undetermined if accidentally or purposely	E980.0–E980.5	32	1.8	26	3.6	58	2.3
TOTAL		**1,770**	**100.0**	**727**	**100.0**	**2,497**	**100.0**

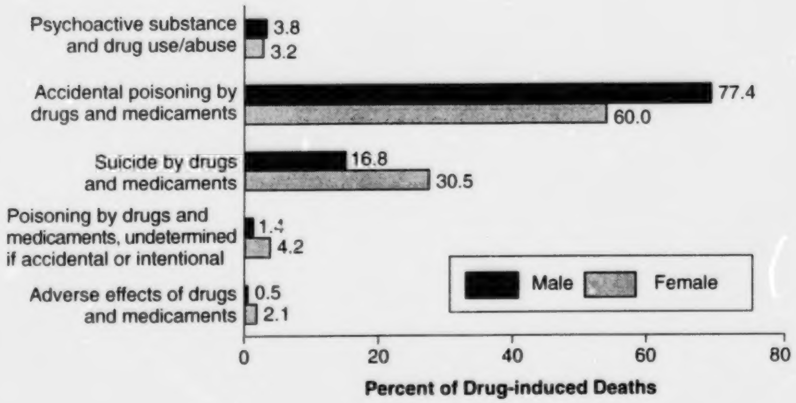
Note: Total percentage may not add to 100 due to rounding. Non-residents are excluded.

TABLE 44
DRUG-INDUCED DEATHS BY CAUSE AND GENDER
BRITISH COLUMBIA, 2000

		Male		Female		Total	
Cause of Death	ICD-10 Code(s)	Number	Percent	Number	Percent	Number	Percent
Psychoactive substance and drug use/abuse	F11–F16, F19	8	3.8	3	3.2	11	3.6
Accidental poisoning by drugs and medicaments	X40–X44	161	77.4	57	60.0	218	71.9
Suicide by drugs and medicaments	X60–X64	35	16.8	29	30.5	64	21.1
Assault by drugs and medicaments	X85	–	–	–	–	–	–
Poisoning by drugs and medicaments, undetermined if accidental or intentional	Y10–Y14	3	1.4	4	4.2	7	2.3
Adverse effects of drugs and medicaments	Y40–Y56, Y57.0–Y57.4, Y57.7–Y57.9, Y88.0	1	0.5	2	2.1	3	1.0
TOTAL		**208**	**100.0**	**95**	**100.0**	**303**	**100.0**

Note: Excludes tobacco and alcohol.
Drug-induced deaths – see Glossary for more details.
Total percentage may not add to 100 due to rounding.
Non-residents are excluded.

FIGURE 26
DRUG-INDUCED DEATHS BY CAUSE AND GENDER
BRITISH COLUMBIA, 2000



HIGHLIGHTS TO TABLE 44/FIGURE 26

- There were 303 deaths in the province from drug-induced causes in 2000.
- Seven out of ten drug-induced deaths in 2000 were the result of accidental poisonings by drugs and medicaments (218 deaths) and one fifth of the drug-induced deaths (21.1%) were the result of suicide by drugs and medicaments (64 deaths).
- Of all the 344 suicide deaths in B.C. in 2000 (presented in Table 30), 64 suicides, or approximately one fifth of suicide deaths (18.6%), were drug-induced.
- The proportion of drug-induced deaths due to accidental poisonings was higher for males (77.4%) than for females (60.0%) while suicides accounted for a higher proportion of female drug-induced deaths (30.5%) than male (16.8%).

VITAL STATISTICS INFORMATION BOX

BIRTHS BY MOTHER'S COUNTRY OF BIRTH AND DEATHS BY DECEDENT'S COUNTRY OF BIRTH

BRITISH COLUMBIA, 2000

Area	Province/Country	Births	Deaths
Canada	**Total**	**26,566**	**17,997**
	British Columbia	17,883	6,735
	Alberta	2,361	2,493
	Ontario	2,771	1,907
	Saskatchewan	917	3,523
	Manitoba	993	1,957
	Quebec	732	657
	Nova Scotia	307	331
	New Brunswick	185	191
	Newfoundland	253	113
	Yukon	88	17
	Prince Edward Island	32	41
	Northwest Territories	42	20
	Unknown Province	2	12
North and Central America	**Total (Excluding Canada)**	**1,123**	**852**
	United States	691	793
	Other North and Central American Countries	432	59
South America	**Total**	**211**	**33**
Europe	**Total**	**2,113**	**6,192**
	England	598	2,067
	Scotland	100	718
	Other United Kingdom	72	120
	Germany	215	559
	Former USSR	152	434
	Scandinavian Countries	87	425
	Poland	109	274
	Former Yugoslavia	193	142
	Italy	35	263
	Other European Countries	552	1,190
Asia and the Middle East	**Total**	**8,961**	**1,806**
	India	2,685	427
	China	1,553	774
	Philippines	1,193	112
	Hong Kong	735	127
	Vietnam	716	51
	Taiwan	502	28
	Korea	303	42
	Japan	286	57
	Other Asian and Middle Eastern Countries	988	188
Africa	**Total**	**526**	**129**
Oceania	**Total**	**513**	**132**
	Fiji	303	61
	Australia	108	37
	Other Oceanic Countries	102	34
Unknown		**733**	**132**
Total		**40,746**	**27,273**

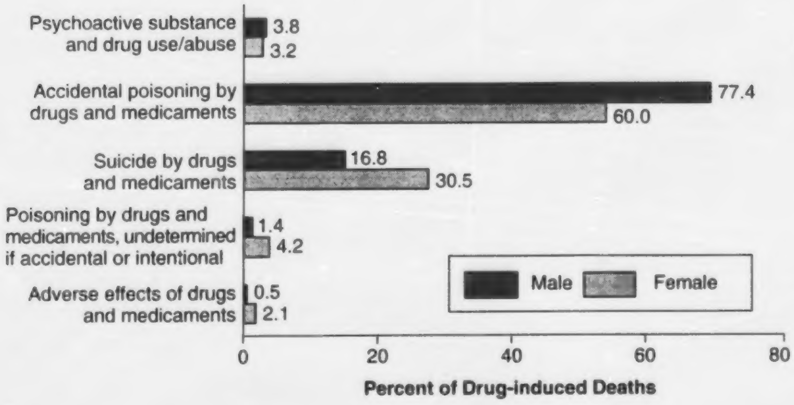
Note: Births include live births plus stillbirths. Non-residents are excluded.

TABLE 44
DRUG-INDUCED DEATHS BY CAUSE AND GENDER
BRITISH COLUMBIA, 2000

		Male		Female		Total	
Cause of Death	ICD-10 Code(s)	Number	Percent	Number	Percent	Number	Percent
Psychoactive substance and drug use/abuse	F11–F16, F19	8	3.8	3	3.2	11	3.6
Accidental poisoning by drugs and medicaments	X40–X44	161	77.4	57	60.0	218	71.9
Suicide by drugs and medicaments	X60–X64	35	16.8	29	30.5	64	21.1
Assault by drugs and medicaments	X85	–	–	–	–	–	–
Poisoning by drugs and medicaments, undetermined if accidental or intentional	Y10–Y14	3	1.4	4	4.2	7	2.3
Adverse effects of drugs and medicaments	Y40–Y56, Y57.0–Y57.4, Y57.7–Y57.9, Y88.0	1	0.5	2	2.1	3	1.0
TOTAL		**208**	**100.0**	**95**	**100.0**	**303**	**100.0**

Note: Excludes tobacco and alcohol.
Drug-induced deaths – see Glossary for more details.
Total percentage may not add to 100 due to rounding.
Non-residents are excluded.

FIGURE 26
DRUG-INDUCED DEATHS BY CAUSE AND GENDER
BRITISH COLUMBIA, 2000



HIGHLIGHTS TO TABLE 44/FIGURE 26

- There were 303 deaths in the province from drug-induced causes in 2000.
- Seven out of ten drug-induced deaths in 2000 were the result of accidental poisonings by drugs and medicaments (218 deaths) and one fifth of the drug-induced deaths (21.1%) were the result of suicide by drugs and medicaments (64 deaths).
- Of all the 344 suicide deaths in B.C. in 2000 (presented in Table 30), 64 suicides, or approximately one fifth of suicide deaths (18.6%), were drug-induced.
- The proportion of drug-induced deaths due to accidental poisonings was higher for males (77.4%) than for females (60.0%) while suicides accounted for a higher proportion of female drug-induced deaths (30.5%) than male (16.8%).

VITAL STATISTICS INFORMATION BOX

BIRTHS BY MOTHER'S COUNTRY OF BIRTH AND DEATHS BY DECEDENT'S COUNTRY OF BIRTH

BRITISH COLUMBIA, 2000

Area	Province/Country	Births	Deaths
Canada	**Total**	**26,566**	**17,997**
	British Columbia	17,883	6,735
	Alberta	2,361	2,493
	Ontario	2,771	1,907
	Saskatchewan	917	3,523
	Manitoba	993	1,957
	Quebec	732	657
	Nova Scotia	307	331
	New Brunswick	185	191
	Newfoundland	253	113
	Yukon	88	17
	Prince Edward Island	32	41
	Northwest Territories	42	20
	Unknown Province	2	12
North and Central America	**Total (Excluding Canada)**	**1,123**	**852**
	United States	691	793
	Other North and Central American Countries	432	59
South America	**Total**	**211**	**33**
Europe	**Total**	**2,113**	**6,192**
	England	598	2,067
	Scotland	100	718
	Other United Kingdom	72	120
	Germany	215	559
	Former USSR	152	434
	Scandinavian Countries	87	425
	Poland	109	274
	Former Yugoslavia	193	142
	Italy	35	263
	Other European Countries	552	1,190
Asia and the Middle East	**Total**	**8,961**	**1,806**
	India	2,685	427
	China	1,553	774
	Philippines	1,193	112
	Hong Kong	735	127
	Vietnam	716	51
	Taiwan	502	28
	Korea	303	42
	Japan	286	57
	Other Asian and Middle Eastern Countries	988	188
Africa	**Total**	**526**	**129**
Oceania	**Total**	**513**	**132**
	Fiji	303	61
	Australia	108	37
	Other Oceanic Countries	102	34
Unknown		**733**	**132**
Total		**40,746**	**27,273**

Note: Births include live births plus stillbirths. Non-residents are excluded.

STANDARDIZED MORTALITY RATIO BY LOCAL HEALTH AREA DRUG-INDUCED DEATHS

Local Health Area		1995–1999		2000			95% Confidence Interval		
		Observed Deaths	SMR (p)	Observed Deaths	Expected Deaths	SMR (p)	Lower		Upper
001	Fernie	–	–	–	1.43	–	–	–	–
002	Cranbrook	8	0.52	2	1.99	1.01	0.11	–	3.63
003	Kimberley	3	0.53	1	0.77	1.30	0.02	–	7.22
004	Windermere	1	0.18 +	–	0.67	–	–	–	–
005	Creston	7	0.97	–	0.93	–	–	–	–
006/007	Kootenay Lake/Nelson	11	0.62	4	2.28	1.76	0.47	–	4.49
009	Castlegar	9	1.08	1	1.09	0.92	0.01	–	5.10
010	Arrow Lakes	1	0.31	1	0.42	2.35	0.03	–	13.10
011	Trail	9	0.70	2	1.79	1.12	0.13	–	4.03
012/013	Grand Forks/Kettle Valley	7	0.90	–	1.00	–	–	–	–
014	Southern Okanagan	4	0.39 +	5	1.29	3.87 *	1.25	–	9.03
015	Penticton	15	0.64	4	2.86	1.40	0.38	–	3.58
016	Keremeos	1	0.37	–	0.34	–	–	–	–
017	Princeton	2	0.63	1	0.43	2.30	0.03	–	12.79
018	Golden	–	–	–	0.65	–	–	–	–
019	Revelstoke	1	0.18 +	–	0.78	–	–	–	–
020	Salmon Arm	11	0.59	1	2.24	0.45	0.01	–	2.49
021	Armstrong–Spallumcheen	1	0.17 +	–	0.71	–	–	–	–
022	Vernon	29	0.84	2	4.26	0.47	0.05	–	1.69
023	Central Okanagan	50	0.56 *	10	10.08	0.99	0.47	–	1.82
024	Kamloops	78	1.23	9	7.90	1.14	0.52	–	2.16
025	100 Mile House	12	1.26	–	1.19	–	–	–	–
026	North Thompson	1	0.31	–	0.43	–	–	–	–
027	Cariboo–Chilcotin	7	0.40 *	2	2.30	0.87	0.10	–	3.14
028	Quesnel	9	0.55	–	2.11	–	–	–	–
029	Lillooet	1	0.33	–	0.39	–	–	–	–
030	South Cariboo	2	0.43	–	0.63	–	–	–	–
031	Merritt	12	1.70	–	0.90	–	–	–	–
032	Hope	9	1.83	–	0.66	–	–	–	–
033	Chilliwack	42	1.03	3	4.74	0.63	0.13	–	1.85
034	Abbotsford	59	0.89	10	7.33	1.37	0.65	–	2.51
035	Langley	44	0.65 *	3	7.88	0.38	0.08	–	1.11
036	Surrey	225	1.06	31	23.61	1.31	0.89	–	1.86
037	Delta	26	0.42 *	2	8.12	0.25 +	0.03	–	0.89
038	Richmond	49	0.48 *	3	12.08	0.25 +	0.05	–	0.73
040	New Westminster	80	2.14 *	10	4.38	2.28 *	1.09	–	4.20
041	Burnaby	106	0.85	15	15.17	0.99	0.55	–	1.63
042	Maple Ridge	27	0.58 *	11	5.37	2.05 *	1.02	–	3.67
043	Coquitlam	67	0.57 *	9	13.66	0.66	0.30	–	1.25
044	North Vancouver	61	0.73 *	5	10.97	0.46	0.15	–	1.06
045	West Vancouver–Bowen Is.	18	0.62 *	2	4.01	0.50	0.06	–	1.80
046	Sunshine Coast	14	0.87	2	1.92	1.04	0.12	–	3.77
047	Powell River	11	0.88	3	1.70	1.76	0.35	–	5.15
048	Howe Sound	14	0.69	3	2.07	1.45	0.29	–	4.24
049	Bella Coola Valley	1	0.49	–	0.25	–	–	–	–
050	Queen Charlotte	4	1.03	–	0.51	–	–	–	–
051	Snow Country	–	–	–	0.10	–	–	–	–
052	Prince Rupert	12	1.00	1	1.61	0.62	0.01	–	3.46
053	Upper Skeena	2	0.56	–	0.42	–	–	–	–
054	Smithers	1	0.09 +	1	1.40	0.71	0.01	–	3.97
055/093	Burns Lake/Eutsuk	4	0.88	–	0.60	–	–	–	–
056	Nechako	3	0.28 +	–	1.35	–	–	–	–
057	Prince George	45	0.68 *	5	8.41	0.59	0.19	–	1.39
059	Peace River South	7	0.39 *	–	2.33	–	–	–	–
060	Peace River North	10	0.55	–	2.21	–	–	–	–
061	Greater Victoria	189	1.42 *	32	16.80	1.90 *	1.30	–	2.69
062	Sooke	17	0.50 *	2	4.15	0.48	0.05	–	1.74
063	Saanich	19	0.53 *	1	4.43	0.23	0.00	–	1.26
064	Gulf Islands	2	0.24 +	–	1.01	–	–	–	–
065	Cowichan	18	0.58 *	2	3.75	0.53	0.06	–	1.93
066	Lake Cowichan	3	0.76	–	0.51	–	–	–	–
067	Ladysmith	9	0.94	1	1.22	0.82	0.01	–	4.57
068	Nanaimo	63	1.12	8	6.62	1.21	0.52	–	2.38
069	Qualicum	10	0.44 *	1	2.53	0.40	0.01	–	2.20
070	Alberni	24	1.19	4	2.77	1.44	0.39	–	3.70
071	Courtenay	36	1.01	4	4.17	0.96	0.26	–	2.45
072/084	Campbell River/V.I. West	31	1.09	2	3.55	0.56	0.06	–	2.04
075	Mission	29	1.28	3	2.67	1.12	0.23	–	3.28
076	Agassiz–Harrison	6	1.16	1	0.59	1.69	0.02	–	9.39
077	Summerland	5	0.77	–	0.80	–	–	–	–
078	Enderby	5	1.13	–	0.52	–	–	–	–
080	Kitimat	6	0.75	–	1.14	–	–	–	–
081	Fort Nelson	2	0.48	–	0.47	–	–	–	–
083	Central Coast	1	0.84	–	0.14	–	–	–	–
085	Vancouver Island North	11	1.12	1	1.35	0.74	0.01	–	4.13
087/094	Stikine/Telegraph Creek	–	–	–	0.20	–	–	–	–
088	Terrace	9	0.63	2	1.80	1.11	0.12	–	4.00
092	Nisga'a	1	0.80	–	0.14	–	–	–	–
161	Vancouver City Centre	154	2.10 *	13	8.11	1.60	0.85	–	2.74
162	Vancouver Downtown E. Side	312	7.84 *	38	4.66	8.16 *	5.77	–	11.20
163	Vancouver North East	78	1.30 *	5	7.30	0.69	0.22	–	1.60
164	Vancouver West Side	43	0.53 *	7	10.32	0.68	0.27	–	1.40
165	Vancouver Midtown	89	1.52 *	6	7.18	0.84	0.30	–	1.82
166	Vancouver South	68	0.91	5	9.38	0.53	0.17	–	1.24
039	**VANCOUVER TOTAL**	**762**	**1.97** *	**75**	**46.95**	**1.60** *	**1.26**	–	**2.00**
	N.S	6	–	–	–	–	–	–	–
	PROVINCIAL TOTAL	**2,497**	–	**303**	–	–	–	–	–

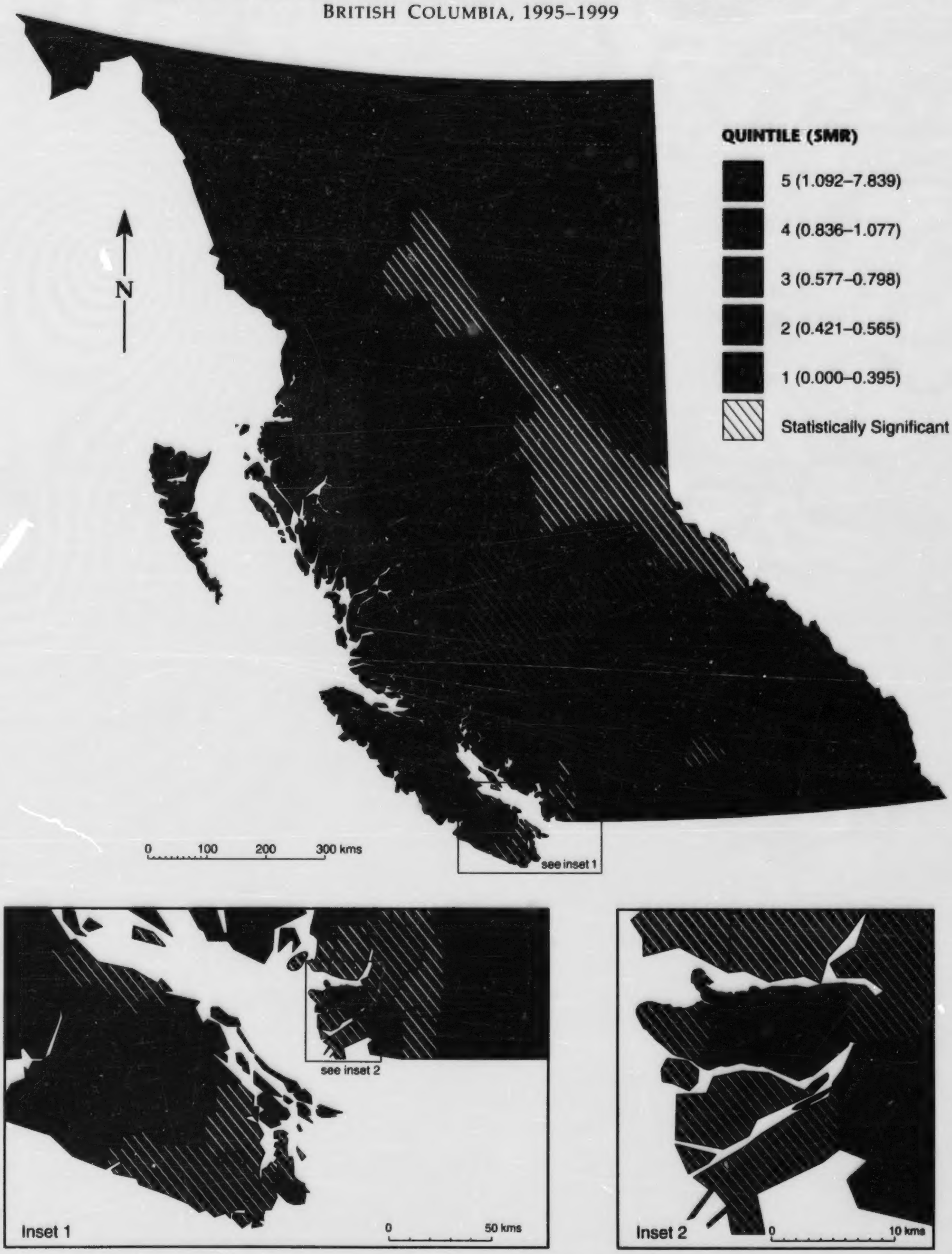
Note: *Statistical testing indicates that observed deaths are significantly different from the expected deaths ($p<0.05$, two tailed). +Denotes significance based on less than five deaths. LHA 039 Vancouver Total may include unspecified Vancouver addresses. N.S. – Not Stated. Non-residents are excluded.

STANDARDIZED MORTALITY RATIO BY LOCAL HEALTH AREA
DRUG-INDUCED DEATHS

		1995–1999			2000						
		Observed Deaths	SMR	(p)	Observed Deaths	Expected Deaths	SMR	(p)	95% Confidence Interval		
Local Health Area									Lower		Upper
001	Fernie	–	–		–	1.43	–		–	–	–
002	Cranbrook	8	0.52		2	1.99	1.01		0.11	–	3.63
003	Kimberley	3	0.53		1	0.77	1.30		0.02	–	7.22
004	Windermere	1	0.18	+	–	0.67	–		–	–	–
005	Creston	7	0.97		–	0.93	–		–	–	–
006/007	Kootenay Lake/Nelson	11	0.62		4	2.28	1.76		0.47	–	4.49
009	Castlegar	9	1.08		1	1.09	0.92		0.01	–	5.10
010	Arrow Lakes	1	0.31		1	0.42	2.35		0.03	–	13.10
011	Trail	9	0.70		2	1.79	1.12		0.13	–	4.03
012/013	Grand Forks/Kettle Valley	7	0.90		–	1.00	–		–	–	–
014	Southern Okanagan	4	0.39	+	5	1.29	3.87	*	1.25	–	9.03
015	Penticton	15	0.64		4	2.86	1.40		0.38	–	3.58
016	Keremeos	1	0.37		–	0.34	–		–	–	–
017	Princeton	2	0.63		1	0.43	2.30		0.03	–	12.79
018	Golden	–	–		–	0.65	–		–	–	–
019	Revelstoke	1	0.18	+	–	0.78	–		–	–	–
020	Salmon Arm	11	0.59		1	2.24	0.45		0.01	–	2.49
021	Armstrong–Spallumcheen	1	0.17	+	–	0.71	–		–	–	–
022	Vernon	29	0.84		2	4.26	0.47		0.05	–	1.69
023	Central Okanagan	50	0.56	*	10	10.08	0.99		0.47	–	1.82
024	Kamloops	78	1.23		9	7.90	1.14		0.52	–	2.16
025	100 Mile House	12	1.26		–	1.19	–		–	–	–
026	North Thompson	1	0.31		–	0.43	–		–	–	–
027	Cariboo–Chilcotin	7	0.40	*	2	2.30	0.87		0.10	–	3.14
028	Quesnel	9	0.55		–	2.11	–		–	–	–
029	Lillooet	1	0.33		–	0.39	–		–	–	–
030	South Cariboo	2	0.43		–	0.63	–		–	–	–
031	Merritt	12	1.70		–	0.90	–		–	–	–
032	Hope	9	1.83		–	0.66	–		–	–	–
033	Chilliwack	42	1.03		3	4.74	0.63		0.13	–	1.85
034	Abbotsford	59	0.89		10	7.33	1.37		0.65	–	2.51
035	Langley	44	0.65	*	3	7.88	0.38		0.08	–	1.11
036	Surrey	225	1.06		31	23.61	1.31		0.89	–	1.86
037	Delta	26	0.42	*	2	8.12	0.25	+	0.03	–	0.89
038	Richmond	49	0.48	*	3	12.08	0.25	+	0.05	–	0.73
040	New Westminster	80	2.14	*	10	4.38	2.28	*	1.09	–	4.20
041	Burnaby	106	0.85		15	15.17	0.99		0.55	–	1.63
042	Maple Ridge	27	0.58	*	11	5.37	2.05	*	1.02	–	3.67
043	Coquitlam	67	0.57	*	9	13.66	0.66		0.30	–	1.25
044	North Vancouver	61	0.73	*	5	10.97	0.46		0.15	–	1.06
045	West Vancouver–Bowen Is.	18	0.62	*	2	4.01	0.50		0.06	–	1.80
046	Sunshine Coast	14	0.87		2	1.92	1.04		0.12	–	3.77
047	Powell River	11	0.88		3	1.70	1.76		0.35	–	5.15
048	Howe Sound	14	0.69		3	2.07	1.45		0.29	–	4.24
049	Bella Coola Valley	1	0.49		–	0.25	–		–	–	–
050	Queen Charlotte	4	1.03		–	0.51	–		–	–	–
051	Snow Country	–	–		–	0.10	–		–	–	–
052	Prince Rupert	12	1.00		1	1.61	0.62		0.01	–	3.46
053	Upper Skeena	2	0.56		–	0.42	–		–	–	–
054	Smithers	1	0.09	+	1	1.40	0.71		0.01	–	3.97
055/093	Burns Lake/Eutsuk	4	0.88		–	0.60	–		–	–	–
056	Nechako	3	0.28	+	–	1.35	–		–	–	–
057	Prince George	45	0.68	*	5	8.41	0.59		0.19	–	1.39
059	Peace River South	7	0.39	*	–	2.33	–		–	–	–
060	Peace River North	10	0.55		–	2.21	–		–	–	–
061	Greater Victoria	189	1.42	*	32	16.80	1.90	*	1.30	–	2.69
062	Sooke	17	0.50	*	2	4.15	0.48		0.05	–	1.74
063	Saanich	19	0.53	*	1	4.43	0.23		0.00	–	1.26
064	Gulf Islands	2	0.24	+	–	1.01	–		–	–	–
065	Cowichan	18	0.58	*	2	3.75	0.53		0.06	–	1.93
066	Lake Cowichan	3	0.76		–	0.51	–		–	–	–
067	Ladysmith	9	0.94		1	1.22	0.82		0.01	–	4.57
068	Nanaimo	63	1.12		8	6.62	1.21		0.52	–	2.38
069	Qualicum	10	0.44	*	1	2.53	0.40		0.01	–	2.20
070	Alberni	24	1.19		4	2.77	1.44		0.39	–	3.70
071	Courtenay	36	1.01		4	4.17	0.96		0.26	–	2.45
072/084	Campbell River/V.I. West	31	1.09		2	3.55	0.56		0.06	–	2.04
075	Mission	29	1.28		3	2.67	1.12		0.23	–	3.28
076	Agassiz–Harrison	6	1.16		1	0.59	1.69		0.02	–	9.39
077	Summerland	5	0.77		–	0.80	–		–	–	–
078	Enderby	5	1.13		–	0.52	–		–	–	–
080	Kitimat	6	0.75		–	1.14	–		–	–	–
081	Fort Nelson	2	0.48		–	0.47	–		–	–	–
083	Central Coast	1	0.84		–	0.14	–		–	–	–
085	Vancouver Island North	11	1.12		1	1.35	0.74		0.01	–	4.13
087/094	Stikine/Telegraph Creek	–	–		–	0.20	–		–	–	–
088	Terrace	9	0.63		2	1.80	1.11		0.12	–	4.00
092	Nisga'a	1	0.80		–	0.14	–		–	–	–
161	Vancouver City Centre	154	2.10	*	13	8.11	1.60		0.85	–	2.74
162	Vancouver Downtown E. Side	312	7.84	*	38	4.66	8.16	*	5.77	–	11.20
163	Vancouver North East	78	1.30	*	5	7.30	0.69		0.22	–	1.60
164	Vancouver West Side	43	0.53	*	7	10.32	0.68		0.27	–	1.40
165	Vancouver Midtown	89	1.52	*	6	7.18	0.84		0.30	–	1.82
166	Vancouver South	68	0.91		5	9.38	0.53		0.17	–	1.24
039	**VANCOUVER TOTAL**	**762**	**1.97**	*	**75**	**46.95**	**1.60**	*	**1.26**	–	**2.00**
	N.S	6	–		–	–	–		–	–	–
	PROVINCIAL TOTAL	**2,497**	–		**303**	–	–		–	–	–

Note: *Statistical testing indicates that observed deaths are significantly different from the expected deaths ($p<0.05$, two tailed). +Denotes significance based on less than five deaths. LHA 039 Vancouver Total may include unspecified Vancouver addresses. N.S. – Not Stated. Non-residents are excluded.

FIGURE 27
DRUG-INDUCED DEATHS BY LOCAL HEALTH AREA
BRITISH COLUMBIA, 1995–1999


QUINTILE (SMR)
5 (1.092–7.839)
4 (0.836–1.077)
3 (0.577–0.798)
2 (0.421–0.565)
1 (0.000–0.395)
Statistically Significant
N
0
100
200
300 kms
see inset 1
see inset 2
Inset 1
0
50 kms
Inset 2
0
10 kms

Note: SMR – Standardized Mortality Ratio. Refer to Figure 1 to clarify geographical location of Local Health Areas.

HIGHLIGHTS TO TABLE 45/FIGURE 27

- In 2000, there were five Local Health Areas (LHAs) with statistically significant and high Standardized Mortality Ratios (SMR) for drug-induced deaths. These five LHAs and their SMRs for drug-induced deaths in 2000 (number of drug-induced deaths in parentheses) were:

162	Vancouver Downtown E. Side	8.16	(38)
014	Southern Okanagan	3.87	(5)
040	New Westminster	2.28	(10)
042	Maple Ridge	2.05	(11)
061	Greater Victoria	1.90	(32)

- Vancouver Downtown E. Side, New Westminster, and Greater Victoria had statistically significant and high SMRs in the five-year period from 1995 to 1999.
- In 2000, 32 LHAs had no drug-induced deaths and there were no LHAs with statistically significant and low SMRs (based on five or more deaths).
- There were six LHAs with statistically significant and high SMRs in the 1995–1999 period. The SMRs for these LHAs (number of drug-induced deaths in parentheses) were:

162	Vancouver Downtown E. Side	7.84	(312)
040	New Westminster	2.14	(80)
161	Vancouver City Centre	2.10	(154)
165	Vancouver Midtown	1.52	(89)
061	Greater Victoria	1.42	(189)
163	Vancouver North East	1.30	(78)

- In the 1995–1999 period, 16 LHAs had statistically significant and low SMRs (based on five or more drug-related deaths). The five LHAs with the lowest SMRs (number of drug-induced deaths in parentheses) were:

059	Peace River South	0.39	(7)
027	Cariboo–Chilcotin	0.40	(7)
037	Delta	0.42	(26)
069	Qualicum	0.44	(10)
038	Richmond	0.48	(49)

- Four LHAs had no drug-induced deaths in the 1995–1999 period. These were Fernie, Golden, Snow Country and Stikine/Telegraph Creek. They also had no drug-induced deaths in 2000.

VITAL STATISTICS INFORMATION BOX

METHOD OF DISPOSITION BY DECEDENT'S LOCAL HEALTH AREA OF RESIDENCE

BRITISH COLUMBIA, 2000

Local Health Area		Burial		Cremation		Other	Total
		Number	Percent	Number	Percent		
001	Fernie	21	29.2	51	70.8	–	72
002	Cranbrook	39	21.5	142	78.5	–	181
003	Kimberley	9	10.7	75	89.3	–	84
004	Windermere	7	18.9	30	81.1	–	37
005	Creston	45	30.6	102	69.4	–	147
006/007	Kootenay Lake/Nelson	57	29.2	136	69.7	2	195
009	Castlegar	46	42.2	63	57.8	–	109
010	Arrow Lakes	11	19.3	46	80.7	–	57
011	Trail	43	19.9	168	77.8	5	216
012/013	Grand Forks/Kettle Valley	38	32.5	79	67.5	–	117
014	Southern Okanagan	44	22.1	155	77.9	–	199
015	Penticton	98	23.2	325	76.8	–	423
016	Keremeos	12	25.5	35	74.5	–	47
017	Princeton	9	15.3	50	84.7	–	59
018	Golden	10	27.0	26	70.3	1	37
019	Revelstoke	14	24.6	43	75.4	–	57
020	Salmon Arm	51	19.4	212	80.6	–	263
021	Armstrong–Spallumcheen	20	31.3	44	68.8	–	64
022	Vernon	131	25.4	384	74.4	1	516
023	Central Okanagan	266	23.9	848	76.1	1	1,115
024	Kamloops	147	19.6	589	78.4	15	751
025	100 Mile House	14	13.2	92	86.8	–	106
026	North Thompson	7	26.9	19	73.1	–	26
027	Cariboo–Chilcotin	40	30.5	91	69.5	–	131
028	Quesnel	38	24.7	115	74.7	1	154
029	Lillooet	15	37.5	25	62.5	–	40
030	South Cariboo	19	33.9	37	66.1	–	56
031	Merritt	29	29.9	68	70.1	–	97
032	Hope	22	26.8	60	73.2	–	82
033	Chilliwack	139	25.8	399	74.0	1	539
034	Abbotsford	333	39.9	498	59.6	4	835
035	Langley	164	22.9	552	77.0	1	717
036	Surrey	421	20.6	1,624	79.3	3	2,048
037	Delta	100	17.9	456	81.7	2	558
038	Richmond	217	26.9	584	72.4	6	807
040	New Westminster	100	19.1	422	80.5	2	524
041	Burnaby	359	27.3	926	70.4	30	1,315
042	Maple Ridge	74	16.1	382	83.2	3	459
043	Coquitlam	183	21.9	649	77.5	5	837
044	North Vancouver	149	18.5	651	81.0	4	804
045	West Vancouver–Bowen Is.	75	16.8	369	82.6	3	447
046	Sunshine Coast	27	11.4	209	88.6	–	236
047	Powell River	23	15.2	127	84.1	1	151
048	Howe Sound	25	23.8	79	75.2	1	105
049	Bella Coola Valley	12	66.7	6	33.3	–	18
050	Queen Charlotte	18	69.2	8	30.8	–	26
051	Snow Country	3	33.3	6	66.7	–	9
052	Prince Rupert	40	41.7	54	56.3	2	96
053	UpperSkeena	19	55.9	15	44.1	–	34
054	Smithers	33	41.3	47	58.8	–	80
055/093	Burns Lake/Eutsuk	15	42.9	20	57.1	–	35
056	Nechako	57	52.3	52	47.7	–	109
057	Prince George	135	30.5	304	68.8	3	442
059	Peace River South	61	36.7	105	63.3	–	166
060	Peace River North	54	54.5	45	45.5	–	99
061	Greater Victoria	308	14.2	1,853	85.4	10	2,171
062	Sooke	29	10.8	238	88.8	1	268
063	Saanich	67	12.3	473	86.9	4	544
064	Gulf Islands	11	7.4	135	91.2	2	148
065	Cowichan	74	19.5	305	80.5	–	379
066	Lake Cowichan	3	7.0	39	90.7	1	43
067	Ladysmith	30	18.1	135	81.3	1	166
068	Nanaimo	98	12.9	660	87.1	–	758
069	Qualicum	34	8.8	354	91.2	–	388
070	Alberni	67	26.7	184	73.3	–	251
071	Courtenay	51	12.4	359	87.6	–	410
072/084	Campbell River/V.I. West	27	10.8	222	88.8	1	250
075	Mission	52	21.7	188	78.3	–	240
076	Agassiz–Harrison	16	26.2	45	73.8	–	61
077	Summerland	31	24.8	94	75.2	–	125
078	Enderby	16	32.0	34	68.0	–	50
080	Kitimat	17	38.6	27	61.4	–	44
081	Fort Nelson	7	41.2	10	58.8	–	17
083	Central Coast	14	93.3	1	6.7	–	15
085	Vancouver Island North	25	34.7	47	65.3	–	72
087/094	Stikine/Telegraph Creek	5	83.3	1	16.7	–	6
088	Terrace	28	28.3	71	71.7	–	99
092	Nisga'a	7	87.5	1	12.5	–	8
161	Vancouver City Centre	137	21.9	485	77.6	3	625
162	Vancouver Downtown E. Side	221	43.7	275	54.3	10	506
163	Vancouver North East	231	39.6	319	54.6	34	584
164	Vancouver West Side	193	25.2	568	74.2	4	765
165	Vancouver Midtown	209	40.1	306	58.7	6	521
166	Vancouver South	283	34.6	525	64.3	9	817
039	**VANCOUVER TOTAL**	**1,275**	**33.4**	**2,478**	**64.9**	**66**	**3,819**
	N.S	4	0.0	3	0.0	–	7
	PROVINCIAL TOTAL	**6,434**	**23.6**	**20,658**	**75.7**	**183**	**27,273**

Note: LHA 039 Vancouver Total may include unspecified Vancouver addresses. Non-residents are excluded.

VITAL STATISTICS INFORMATION BOX

METHOD OF DISPOSITION BY DECEDENT'S LOCAL HEALTH AREA OF RESIDENCE

BRITISH COLUMBIA, 2000

Local Health Area		Burial		Cremation		Other	Total
		Number	Percent	Number	Percent		
001	Fernie	21	29.2	51	70.8	–	72
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003	Kimberley	9	10.7	75	89.3	–	84
004	Windermere	7	18.9	30	81.1	–	37
005	Creston	45	30.6	102	69.4	–	147
006/007	Kootenay Lake/Nelson	57	29.2	136	69.7	2	195
009	Castlegar	46	42.2	63	57.8	–	109
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015	Penticton	98	23.2	325	76.8	–	423
016	Keremeos	12	25.5	35	74.5	–	47
017	Princeton	9	15.3	50	84.7	–	59
018	Golden	10	27.0	26	70.3	1	37
019	Revelstoke	14	24.6	43	75.4	–	57
020	Salmon Arm	51	19.4	212	80.6	–	263
021	Armstrong–Spallumcheen	20	31.3	44	68.8	–	64
022	Vernon	131	25.4	384	74.4	1	516
023	Central Okanagan	266	23.9	848	76.1	1	1,115
024	Kamloops	147	19.6	589	78.4	15	751
025	100 Mile House	14	13.2	92	86.8	–	106
026	North Thompson	7	26.9	19	73.1	–	26
027	Cariboo–Chilcotin	40	30.5	91	69.5	–	131
028	Quesnel	38	24.7	115	74.7	1	154
029	Lillooet	15	37.5	25	62.5	–	40
030	South Cariboo	19	33.9	37	66.1	–	56
031	Merritt	29	29.9	68	70.1	–	97
032	Hope	22	26.8	60	73.2	–	82
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050	Queen Charlotte	18	69.2	8	30.8	–	26
051	Snow Country	3	33.3	6	66.7	–	9
052	Prince Rupert	40	41.7	54	56.3	2	96
053	UpperSkeena	19	55.9	15	44.1	–	34
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078	Enderby	16	32.0	34	68.0	–	50
080	Kitimat	17	38.6	27	61.4	–	44
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	N.S	4	0.0	3	0.0	–	7
	PROVINCIAL TOTAL	**6,434**	**23.6**	**20,656**	**75.7**	**183**	**27,273**

Note: LHA 039 Vancouver Total may include unspecified Vancouver addresses. Non-residents are excluded.

TABLE 46
METHOD OF DISPOSITION OF DECEDENT
BRITISH COLUMBIA, 1985–2000

Year	Burial		Cremation		Other	N.S.	Total
	Number	Percent	Number	Percent	Number	Number	
1985	8,558	40.5	12,434	58.8	108	31	21,131
1986	8,204	39.1	12,686	60.4	98	18	21,006
1987	8,211	38.0	13,279	61.4	104	25	21,619
1988	8,319	37.2	13,926	62.3	96	20	22,361
1989	8,061	35.4	14,616	64.2	81	22	22,780
1990	8,208	35.1	15,088	64.5	91	11	23,398
1991	8,035	33.8	15,675	65.9	75	9	23,794
1992	7,818	32.0	16,512	67.5	97	18	24,445
1993	7,986	31.2	17,211	67.2	151	253	25,601
1994	7,708	29.8	17,886	69.3	175	55	25,824
1995	7,615	29.0	18,358	70.0	184	64	26,221
1996	7,640	27.9	19,545	71.4	192	11	27,388
1997	7,360	27.0	19,648	72.1	205	46	27,259
1998	7,180	25.8	20,388	73.3	225	10	27,803
1999	7,038	25.3	20,596	74.0	195	–	27,829
2000	6,434	23.6	20,656	75.7	182	1	27,273

Note: Percent is based on total deaths in the specified year.
Other includes remains not recovered and donations as per will of deceased.
N.S. – Not Stated.
Non-residents are excluded.

HIGHLIGHTS TO TABLE 46

- In 2000, out of every 100 deaths approximately:
  - 76 resulted in cremations (20,656)
  - 24 involved burials (6,434).
- Since 1985, the percentage of burials has decreased each year.

TABLE 46

METHOD OF DISPOSITION OF DECEDENT

BRITISH COLUMBIA, 1985–2000

Year	Burial		Cremation		Other	N.S.	Total
	Number	Percent	Number	Percent	Number	Number	
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HIGHLIGHTS TO TABLE 46

- In 2000, out of every 100 deaths approximately:
  - 76 resulted in cremations (20,656)
  - 24 involved burials (6,434).
- Since 1985, the percentage of burials has decreased each year.

Marriage-related Statistics

Summary

Statistics arising from marriages are presented in this section. Unlike the birth and death statistics, which are based on usual residence, the marriage information is based on all marriages that occurred in British Columbia and includes non-residents. The tables in this section contain information about marriages by previous marital status, age of bride and groom, and type of ceremony.

Summary statistics for marriages in 2000 are presented below:

- A total of 22,074 marriages were solemnized, a slight increase from the 21,623 marriages in 1999. The marriage rate has shown a downward trend in the last two decades, from 9.0 marriages per 1,000 population in 1980 to 5.4 in 1998, 1999 and 2000 (see Table 1).
- In 2000, 60.3% of couples were marrying for the first time. In 21.0% of the marriages in 2000 it was the first marriage for only one of the parties and 18.7% of marriages involved couples where both partners were previously divorced or widowed.
- Approximately one quarter of all brides and one quarter of all grooms who were married in 2000 had previously been divorced.
- Marriages where either the bride or groom was under 20 years of age accounted for approximately one out of every 37 marriages, and there were only 70 marriages where both the bride and groom were teenagers.
- Out of every 100 marriages in 2000, approximately:
  - 43 were performed by religious representatives
  - 57 were civil ceremonies.

TABLE 47

MARRIAGES BY MARITAL STATUS OF BRIDE AND GROOM

BRITISH COLUMBIA, 2000

Marital Status of Bride	Marital Status of Groom			Total
	Single	Widowed	Divorced	
Single	**13,320**	**103**	**2,250**	**15,673**
Widowed	115	270	304	689
Divorced	**2,158**	**317**	**3,236**	**5,711**
TOTAL	**15,593**	**690**	**5,790**	**22,074**

Note: Total includes one case where marital status of bride was not stated.

HIGHLIGHTS TO TABLE 47

- A total of 22,074 marriages were solemnized in the province in 2000. This number represents a slight increase from the 21,623 marriages in 1999. The marriage rate has shown a downward trend in the last two decades, from 9.0 marriages per 1,000 population in 1980 to 5.4 in 1998, 1999 and 2000 (see Table 1).
- In 2000, 60.3% of couples were marrying for the first time (13,320). In 21.0% of the marriages in 2000 it was the first marriage for only one of the parties (4,626), and 18.7% of marriages involved couples where both partners were previously divorced or widowed (4,127).
- Out of every 100 marriages in 2000, approximately:
  - 60 involved single brides and grooms (13,320)
  - 11 involved single brides and divorced or widowed grooms (2,353)
  - 10 involved single grooms and divorced or widowed brides (2,273)
  - 19 involved brides and grooms who were both divorced or widowed (4,127).
- Approximately one quarter (25.9%) of all brides (5,711) and one quarter (26.2%) of all grooms (5,790) who were married in 2000 had previously been divorced.

TABLE 48

MARRIAGES BY AGE OF BRIDE AND GROOM

BRITISH COLUMBIA, 2000

Age of Bride (in Years)	Age of Groom (in Years)										Total	
	15–19	20–24	25–29	30–34	35–39	40–44	45–49	50–59	60+	N.S.	Number	Percent
15–19	70	348	86	28	8	4	2	1	–	–	547	2.5
20–24	45	1,852	1,770	510	124	30	13	5	1	–	4,350	19.7
25–29	9	451	3,099	1,993	617	166	46	35	3	–	6,419	29.1
30–34	2	63	707	1,635	988	411	140	61	12	–	4,019	18.2
35–39	–	23	135	449	851	542	308	182	18	–	2,508	11.4
40–44	–	8	32	108	278	458	386	297	43	–	1,610	7.3
45–49	–	1	4	28	64	173	280	415	77	–	1,042	4.7
50–59	–	–	2	7	24	55	150	513	317	–	1,068	4.8
60+	–	–	–	1	–	3	7	53	447	–	511	2.3
N.S.	–	–	–	–	–	–	–	–	–	–	–	–
TOTAL	126	2,746	5,835	4,759	2,954	1,842	1,332	1,562	918	–	22,074	
Percent	0.6	12.4	26.4	21.6	13.4	8.3	6.0	7.1	4.2			100.0

Note: N.S. – Not Stated.

HIGHLIGHTS TO TABLE 48

- Marriages where either the bride or groom was under 20 years of age accounted for approximately one out of every 37 marriages (603) in 2000. Among these marriages, there were only 70 where both the bride and groom were teenagers.
- Out of every 100 brides, approximately:
  - 3 were aged 15–19 (547)
  - 49 were aged 20–29 (10,769)
  - 30 were aged 30–39 (6,527)
  - 12 were aged 40–49 (2,652)
  - 5 were aged 50–59 (1,068)
  - 2 were aged 60 or older (511).
- Out of every 100 grooms, approximately:
  - 1 was aged 15–19 (126)
  - 39 were aged 20–29 (8,581)
  - 35 were aged 30–39 (7,713)
  - 14 were aged 40–49 (3,174)
  - 7 were aged 50–59 (1,562)
  - 4 were aged 60 or older (918).
- Comparing the age groups of the bride and groom, out of every 100 marriages in 2000, approximately:
  - 45 marriages involved grooms who were older than their brides (9,987)
  - 42 marriages involved brides and grooms in the same age group (9,205)
  - 13 marriages involved brides who were older than their grooms (2,882).
- The average ages of brides and grooms, for first and later marriages combined, have climbed steadily since 1977. In 2000, the average age of all brides was 32.1 years old, while grooms were 34.8 years old (see Table 5).

TABLE 47

MARRIAGES BY MARITAL STATUS OF BRIDE AND GROOM

BRITISH COLUMBIA, 2000

Marital Status of Bride	Marital Status of Groom			Total
	Single	Widowed	Divorced	
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Note: Total includes one case where marital status of bride was not stated.

HIGHLIGHTS TO TABLE 47

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  - 11 involved single brides and divorced or widowed grooms (2,353)
  - 10 involved single grooms and divorced or widowed brides (2,273)
  - 19 involved brides and grooms who were both divorced or widowed (4,127).
- Approximately one quarter (25.9%) of all brides (5,711) and one quarter (26.2%) of all grooms (5,790) who were married in 2000 had previously been divorced.

TABLE 48

MARRIAGES BY AGE OF BRIDE AND GROOM

BRITISH COLUMBIA, 2000

Age of Bride (in Years)	Age of Groom (in Years)										Total	
	15–19	20–24	25–29	30–34	35–39	40–44	45–49	50–59	60+	N.S.	Number	Percent
15–19	70	348	86	28	8	4	2	1	–	–	547	2.5
20–24	45	1,852	1,770	510	124	30	13	5	1	–	4,350	19.7
25–29	9	451	3.099	1,993	617	166	46	35	3	–	6,419	29.1
30–34	2	63	707	1,635	988	411	140	61	12	–	4,019	18.2
35–39	–	23	135	449	851	542	308	182	18	–	2,508	11.4
40–44	–	8	32	108	278	458	386	297	43	–	1,610	7.3
45–49	–	1	4	28	64	173	280	415	77	–	1,042	4.7
50–59	–	–	2	7	24	55	150	513	317	–	1,068	4.8
60+	–	–	–	1	–	3	7	53	447	–	511	2.3
N.S.	–	–	–	–	–	–	–	–	–	–	–	–
TOTAL	126	2,746	5,835	4,759	2,954	1,842	1,332	1,562	918	–	22,074	
Percent	0.6	12.4	26.4	21.6	13.4	8.3	6.0	7.1	4.2			100.0

Note: N.S. – Not Stated.

HIGHLIGHTS TO TABLE 48

- Marriages where either the bride or groom was under 20 years of age accounted for approximately one out of every 37 marriages (603) in 2000. Among these marriages, there were only 70 where both the bride and groom were teenagers.
- Out of every 100 brides, approximately:
  - 3 were aged 15–19 (547)
  - 49 were aged 20–29 (10,769)
  - 30 were aged 30–39 (6,527)
  - 12 were aged 40–49 (2,652)
  - 5 were aged 50–59 (1,068)
  - 2 were aged 60 or older (511).
- Out of every 100 grooms, approximately:
  - 1 was aged 15–19 (126)
  - 39 were aged 20–29 (8,581)
  - 35 were aged 30–39 (7,713)
  - 14 were aged 40–49 (3,174)
  - 7 were aged 50–59 (1,562)
  - 4 were aged 60 or older (918).
- Comparing the age groups of the bride and groom, out of every 100 marriages in 2000, approximately:
  - 45 marriages involved grooms who were older than their brides (9,987)
  - 42 marriages involved brides and grooms in the same age group (9,205)
  - 13 marriages involved brides who were older than their grooms (2,882).
- The average ages of brides and grooms, for first and later marriages combined, have climbed steadily since 1977. In 2000, the average age of all brides was 32.1 years old, while grooms were 34.8 years old (see Table 5).

TABLE 49

RELIGIOUS REPRESENTATIVES ON REGISTER AND MARRIAGES PERFORMED BY RELIGIOUS DENOMINATION

BRITISH COLUMBIA, 2000

Religious Denomination	Number of Religious Representatives	Number Who Performed Marriages	Number of Marriages Performed
Anglican	552	241	782
Baptist	670	305	780
Eastern Orthodox	42	13	82
Jewish	29	14	42
Lutheran	258	135	377
Mennonite/Hutterite	457	189	370
Pentecostal	761	333	813
Presbyterian	185	91	204
Catholic	539	280	1,402
Salvation Army	189	48	74
Jehovahs Witness	99	65	131
United Church	596	331	1,604
Other Christian Religions	2,154	835	1,967
Other Non Christian Religions	376	136	921
Unknown/Not Stated	9	5	25
Total	**6,916**	**3,021**	**9,574**

Note: Religious Denomination categories are from Statistics Canada.
Individuals with temporary appointments are counted once for each appointment.

TABLE 50

MARRIAGE COMMISSIONERS ON REGISTER BY TYPE AND MARRIAGES PERFORMED

BRITISH COLUMBIA, 2000

Type of Commisioner	Number of Commissioners	Number Who Performed Marriages	Number of Marriages Performed
Private Commissioner	402	385	12,495
Public Servant	7	2	5
TOTAL	**409**	**387**	**12,500**

Note: Individuals with temporary appointments are counted once for each appointment.

HIGHLIGHTS TO TABLE 49/TABLE 50

- In British Columbia, marriage ceremonies can be performed by Religious Representatives or Marriage Commissioners. There were 3,021 Religious Representatives and 387 Marriage Commissioners who solemnized marriages in the province in 2000.
- Out of every 100 marriages in 2000, approximately:
  - 43 were performed by religious representatives (9,574 marriages)
  - 57 were civil ceremonies (12,500).

TABLE 49

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Glossary

Terms, Methods, and Computational Examples

ACQUIRED IMMUNODEFICIENCY SYNDROME (AIDS)

(See **HIV Disease.**)

AGE-SPECIFIC FERTILITY RATE (ASFR)

The rate of live births per 1,000 women for the specific age group. This is a more detailed measure than the crude birth rate, as it reflects variations in the birth rate by age groups of the female population.

(See **Statistical Computation** under Fertility Rate for an example.)

AGE STANDARDIZATION

Age standardization is a method of calculation which adjusts a statistical measure for differences in the age/gender structures between populations. With standardized measures, more meaningful comparisons can be made between genders, different time periods, or geographic areas, because the age standardized statistic is calculated as if all populations had the same age/gender age population distribution.

(See **Age Standardized Mortality Rate (ASMR), Standardized Mortality Ratio (SMR), Potential Years of Life Lost Standardized Rate (PYLLSR),** and **Potential Years of Life Lost Index (PYLLI)**; for an example, see **Statistical Computation.**)

AGE STANDARDIZED MORTALITY RATE (ASMR)

A summary of age adjusted death rates by age and gender, which have been standardized to a 'standard' population (1991 Canada Census) for the purpose of rate comparisons between genders, different time periods or different geographic locations. The ASMR is the theoretical number of deaths that would occur per 10,000 population, if the specific population had the same age structure as the standard population.

(See **Age Standardization** and **Standard Population**; for an example, see **Statistical Computation.**)

AIDS

(See **HIV Disease.**)

ALCOHOL-RELATED DEATHS

Alcohol-related deaths are based on the ICD-10 diagnostic categories listed below, for which the resulting deaths are directly attributed to the use or abuse of alcohol.

Directly Related to Alcohol Cause of Death:	**ICD-10 Code(s)**
Alcoholic intoxication	F10.0
Alcoholic psychoses and dependence	F10.1-F10.9
Alcoholic liver disease	K70
Alcoholic neurological disorders	G31.2, G62.1, G72.1
Alcoholic cardiomyopathy	I42.6
Alcoholic gastritis	K29.2
Alcoholic chronic pancreatitis	K86.0
Alcohol poisoning	X45, X65
Other causes	E24.4, O35.4, O99.3, P04.3, Q86.0, R78.0, T51.0-T51.2, T51.9

Alcohol is considered to be a direct cause of death if one of the above conditions is listed as the underlying cause of death on the medical certification of death. If, however, any of the above conditions are listed on the certificate as antecedent causes giving rise to the underlying cause or other significant conditions contributing to the death, the death is considered to be indirectly related to alcohol. ICD-10 codes for deaths indirectly related to alcohol are listed below:

Indirectly Related to Alcohol (excludes codes for directly related to alcohol)

Cause of Death:	**ICD-10 Code(s)**
Infectious/parasitic diseases	A00-B99
Neoplasms	C00-D48
Endocrine/nutritional/metabolic diseases	E00-E24.3, E24.8-E89
Mental and behavioural disorders	F00-F09, F11-F99
Nervous system diseases	G00-G31.1, G31.8-G62.0, G62.2-G72.0, G72.2-G99
Circulatory system diseases	I00-I42.5, I42.7-I99
Respiratory system diseases	J00-J99
Digestive system diseases	K00-K29.1, K29.3-K69, K71.0-K85, K86.1-K92
Genitourinary system diseases	N00-N39, N99.0-N99.1, N99.5
Unintentional injury/accidents	V01-X44, X46-X59, Y40-Y86, Y88
Suicide	X60-X64, X66-X84, Y87.0
Homicide	X85-Y09, Y87.1
Other causes	

Refer to Glossary in previous annual reports for ICD-9 codes.

ASFR

(See **Age Specific Fertility Rate.**)

ASMR

(See **Age Standardized Mortality Rate.**)

AVERAGE AGE

The average ages of brides, grooms, and mothers of newborns in this annual report are calculated based on information provided on marriage or birth registration forms. The average ages of the population living in data dissemination areas are based on the mid-year population estimates for five year age groups.

BIRTH ORDER

Denotes the number position of the present birth relative to previous live births. That is, whether the live birth being counted is the 1st, 2nd, 3rd, etc. live born infant to a particular mother.

BIRTH RATE

(See **Crude Rates**.)

BIRTH WEIGHT

The first weight of the fetus or newborn after birth. For live births this weight should be measured within the first hour of life before significant postnatal weight loss has occurred. Hospitals in B.C. measure weight in grams; the approximate equivalents in imperial measures are included below for comparisons to other jurisdictions. For statistical and risk assessment purposes, birth weights are grouped as:

- Extremely Low Birth Weight: weight less than 500 grams (<1 lb 2 oz).
- Very Low Birth Weight: weight less than 1,500 grams (<3 lb 5 oz).
- Low Birth Weight (LBW): weight less than 2,500 grams (<5 lb 8 oz).
- "Normal" Birth Weight: weight from 2,500 to 4,499 grams (5 lb 8 oz to 9 lb 15 oz).
- High Birth Weight: weight of 4,500 grams or more (>9 lb 15 oz).

BIRTHS

(See **Total Births**.)

BREECH

(See **Mode of Delivery**.)

CESAREAN

(See **Mode of Delivery**.)

COMMUNITY

A geographic area defined by a municipal (city, town, village, or district municipality) boundary. In this report, data are provided only for those communities that are incorporated.

CONFIDENCE INTERVAL

(See **Statistical Test**.)

CONGENITAL ANOMALIES

Physical defects that existed or date from birth.

CRUDE RATES

For live births: the crude rate is the number of births divided by the mid-year population and converted to a rate per 1,000 population.

For birth-related statistics (teenage mother, elderly gravida, C-section, low birth weight, and pre-term): the rate is the number of these births divided by the number of live births and converted to a rate per 1,000 live births.

For stillbirths and perinatal deaths: the rate is the number of stillbirths and perinatal deaths divided by the number of total births (live births plus stillbirths) and converted to a rate per 1,000 total births.

For infant deaths: the crude rate is the number of infant deaths divided by the number of live births and converted to a rate per 1,000 live births.

For maternal deaths: the rate is the number of maternal deaths divided by the number of live births, and converted to a rate per 10,000 live births.

For deaths and mortality statistics: the crude rate is the number of deaths divided by the mid-year population and converted to a rate per 1,000 population.

For marriages: the crude rate is the number of marriages divided by the mid-year population and converted to a rate per 1,000 population.

DEATH RATE

(See **Crude Rates**.)

DRUG-INDUCED DEATHS

Deaths due to drug-induced causes. This category of deaths excludes accidents, homicides, and other causes indirectly related to drug use, as well as alcohol-related deaths and smoking-attributable mortality. The causes of death classified as being drug-induced (as shown below) are based on those used by the National Center for Health Statistics.[1]

Cause of Death	**ICD-10 Code(s)**
Psychoactive substance and drug use/abuse	F11–F16, F19
Accidental poisoning by drugs and medicaments	X40–X44
Suicide by drugs and medicaments	X60–X64
Assault by drugs and medicaments	X85
Poisoning by drugs and medicaments, undetermined if accident or intentional	Y10–Y14
Adverse effects of drugs and medicaments	Y40–Y56, Y57.0–Y57.4, Y57.7–Y57.9, Y88.0

Refer to Glossary in previous annual reports for ICD-9 codes.

EARLY NEONATAL DEATH

Death of a child under seven days of age.

ELDERLY GRAVIDA

Any woman who was 35 years of age or older at the time of delivery of a live born infant.

EXPECTED DEATHS

The number of deaths expected for residents of a sub-provincial geographic area, based on the age-specific mortality rates for the province as a whole and the population age structure of the sub-provincial geographic area.

(See **Statistical Computation** for an example.)

EXPECTED LOW BIRTH WEIGHT

The number of live births with low birth weight (less than 2,500 grams) that would be expected to be born to residents of a sub-provincial geographic area, based on the low birth weight rate for the province as a whole, and the number of births in the sub-provincial geographic area.

(See **Statistical Calculation** under Low Birth Weight Live Births for an example.)

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[1] National Center for Health Statistics. (1993). Technical notes. Monthly Vital Statistics Report. 41 (Suppl. 7), 48.

EXPECTED POTENTIAL YEARS OF LIFE LOST

The number of potential years of life lost (to age 75, as in this report) expected for residents of a sub-provincial geographic area based on the age-specific mortality rates for the province as a whole and the population age structure of the sub-provincial geographic area.

(See **Statistical Computation** under Potential Years of Life Lost Index for an example.)

FERTILITY RATE

The number of live births occurring in a given time period divided by the number of women of child-bearing age for residents of a geographic area. B.C. rates are per 1,000 women aged 15 to 44. Canadian rates are per 1,000 women aged 15 to 49.

(See **Total Fertility Rate**.)

FORCEPS

(See **Mode of Delivery**.)

GESTATIONAL AGE

Fetal age or duration of pregnancy measured from the first day of the last normal menstrual period. Gestational age is expressed in completed days or completed weeks (e.g., events occurring 280 to 286 days after the onset of the last normal menstrual period are considered to have occurred at 40 weeks of gestation).

Measurements of fetal growth, as they represent continuous variables, are expressed in relation to a specific week of gestational age as follows:

- Extremely premature: gestational age of less than 28 weeks.
- Moderately premature: gestational age of 28 to 36 weeks.
- Pre-term/Premature: gestational age of less than 37 weeks.
- Term: gestational age of 37 to 41 weeks.
- Post-term/Postmature: gestational age of 42 weeks or more.

HEALTH REGION (HR)

A geographic subdivision of the province used by the Ministry of Health for data dissemination purposes. This publication includes data by 20 health regions, Figure 2 presents a map of the province by health regions.

HIV DISEASE

In 1987, the World Health Organization added new codes to the *International Classification of Diseases* (ICD) to identify Acquired Immunodeficiency Syndrome (AIDS) and Human Immunodeficiency Virus (HIV). In ICD-10, these conditions are coded to B20-B24 and are called HIV disease.

Refer to Glossary in previous annual reports for ICD-9 codes.

HUMAN IMMUNODEFICIENCY VIRUS (HIV)

The virus that causes HIV disease.

ICD-9 CODES

The World Health Organization's *International Classification of Diseases, Ninth Revision*. This version of ICD was used by the B.C. Vital Statistics Agency for coding of birth complications and causes of death from 1979 until 1999.

ICD-10 CODES

The World Health Organization's *International Classification of Diseases and Related Health Problems, Tenth Revision*, implemented by the B.C. Vital Statistics Agency on January 1, 2000. The Preamble to Appendix 2 presents a summary of ICD-10.

INFANT MORTALITY

Death of children under one year of age.

INFANT MORTALITY RATE

The number of deaths of children under one year of age expressed as a rate per 1,000 live births. The infant mortality rate is an internationally accepted indicator of the health status of a population.

LBW

(See **Low Birth Weight**.)

LHA

(See **Local Health Area**.)

LIFE EXPECTANCY

Life expectancy at age 0 represents the mean number of years a birth cohort (persons born in the same year) may expect to live given the present mortality experience of a population. The life expectancy for a population is a summary measure that reflects the mortality rates for all ages combined, weighted in accordance with a life-table population structure. Life expectancy is an internationally accepted indicator of the health status of a population.

LIVE BIRTH

The *Vital Statistics Act* defines a live birth as "The complete expulsion or extraction from its mother, irrespective of the duration of the pregnancy, of a product of conception in which, after the expulsion or extraction, there is:

(a) breathing;
(b) beating of the heart;
(c) pulsation of the umbilical cord; or
(d) unmistakable movement of voluntary muscle, whether or not the umbilical cord has been cut or the placenta attached."

LOCAL HEALTH AREA

A geographic subdivision of the province used by the Ministry of Health for data dissemination purposes, which can be aggregated into health regions (HR), or established Regional Health Boards, Community Health Service Societies, and Community Health Councils. In the tables in this report, four pairs of LHAs have been combined so their boundaries correspond to those of Community Health Councils. Figure 1 presents a map of the province by local health areas.

LOW BIRTH WEIGHT (LBW)

A birth weight of less than 2,500 grams. Low birth weight babies have increased risks of morbidity and premature death.

LOW BIRTH WEIGHT RATE

The number of low birth weight live born babies per 1,000 live births.

MARRIAGE RATE

(See **Crude Rates**.)

MEDICALLY TREATABLE DISEASES, DEATHS DUE TO

Deaths due to medically treatable diseases are based on Charlton's[2] classification. The disease categories (shown below) are ones for which mortality could **potentially** have been avoided through appropriate medical intervention. The calculation of this measure is based on deaths of a specified age where the underlying cause stated on the medical certificate of death falls into one of these categories.

Cause of Death (Age)	**ICD-10 Code(s)**
Hypertensive disease (5–64)	I10–I15
Cervical cancer (5–64)	C53
Pneumonia and unqualified bronchitis (5–49)	J12–J18.1, J18.8–J18.9, J40
Tuberculosis (5–64)	A15–A19, B90
Asthma (5–49)	J45, J46
Chronic rheumatic heart disease (5–44)	I05–I09
Acute respiratory infections and influenza (5–49)	J00–J06, J20–J22, J10–J11
Bacterial infections (5–64)	A00–A05, A20–A49, B95–B96, G00, H66, H70, H95.0–H95.1, I00–I01, I02.0, I02.9, L01–L08, M00, M02.8, M02.9, M46.2, M86, M87.1
Hodgkin's disease (5–34)	C81
Abdominal hernias, cholecystitis and cholelithiasis, appendicitis (5–64)	K40–K46, K80–K81, K35–K37
Deficiency nutritional anemias (5–64)	D50–D53

Refer to Glossary in previous annual reports for ICD-9 codes.

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[2] Charleton, J.R.H.(1987), Avoidable Deaths and Diseases as Monitors of Health Population. *In* Abelin,T., Z.J. Brzezinski, and V. Carstairs, (Eds.). *Measurement in Health Promotion and Protection* (pp. 467–479). Copenhagen, Denmark: World Health Organization, Regional Office for Europe.

MODE OF DELIVERY

- **Cesarean:**
  A delivery involving the surgical incision of the abdomen and uterine walls.
- **Forceps:**
  An assisted delivery employing forceps.
- **Spontaneous Breech:**
  An unassisted (spontaneous) delivery in which the buttocks or feet of the fetus appear first.
- **Spontaneous Vertex:**
  An unassisted (spontaneous) delivery in which the head of the fetus appears first.
- **Vacuum:**
  An assisted delivery employing suction or vacuum.

MVA DEATHS

Motor Vehicle Accidental Deaths.

NATURAL POPULATION INCREASE

The component increase in a population due to the number of live births less deaths. This increase may often be expressed as a rate, such as per 1,000 population.

NEONATAL DEATH

Death of a child under 28 days of age.

OBSERVED DEATHS

The actual number of deaths that occurred in the province to residents of a geographic area in a specified time period.

OBSERVED LOW BIRTH WEIGHT LIVE BIRTHS

The actual number of low birth weight live births that occurred in the province to residents of a geographic area in a specified time period.

OBSERVED PYLL

The actual number of potential years of life lost (to age 75) from deaths that occurred in the province to residents of a geographic area in a specified time period.

OUT-OF-WEDLOCK BIRTHS

Births where the mother of the baby is not lawfully married to the father of the baby.

P-VALUE

(See **Statistical Test**.)

PERINATAL

Pertaining to or occurring in the period shortly before, during, and after birth.

POPULATION

Mid-year population estimates used in the preparation of this report were obtained from BC STATS, Ministry of Finance and Corporate Relations.

POST NEONATAL DEATH

Death of a child between the ages of 28 days and less than one year.

POST-TERM

(See **Gestational Age**.)

POTENTIAL YEARS OF LIFE LOST (PYLL)

The number of years of life lost when a person dies before a specified age (75 years). In this report, all deaths are assumed to occur at the midpoint of five-year age groups.

(See **Statistical Computation** for an example.)

PRE-TERM

(See **Gestational Age**.)

PYLL INDEX (PYLLI)

The ratio of an area's observed PYLL to its expected PYLL. This is a health status indicator.

(See **Statistical Computation** for an example.)

PYLL STANDARDIZED RATE (PYLLSR)

An age-standardized measure of an area's PYLL, expressed in terms of a rate per 1,000 population, adjusted to a standard population (1991 Canada Census). This is a health status indicator.

(See **Statistical Computation** for an example.)

PYLLI

(See **PYLL Index**.)

PYLLSR

(See **PYLL Standardized Rate**.)

QUINTILE

A ranking is derived by dividing a group (e.g., LHAs within British Columbia) into five subgroups, each with equal numbers of LHAs. These divisions are derived from a ranking of the group members according to the value of a measure, such as the SMR or the PYLLI.

SAM

(See **Smoking-attributable Mortality**.)

SAM(%)

(See **Smoking-attributable Mortality**.)

SIDS

Sudden Infant Death Syndrome.

SMOKING-ATTRIBUTABLE MORTALITY (SAM)

The absence on death certifications of complete and reliable data on smoking as a contributing factor requires that estimation or other techniques be used to approximate the extent of smoking-attributable deaths. Estimation methods, while not precise, may at least provide a general indication of the extent of such deaths. The method used here is based on the concept of attributable risk.

To define attributable risk mathematically, consider d_0 and d_1 respectively to represent the death rates, in a given time period, in two cohorts from a population — those not exposed and those exposed to a given risk factor. The attributable risk of this factor, AR_1, would then be:

$$AR_1 = \frac{d_1 - d_0}{d_1} = \frac{r_1 - 1}{r_1}$$

Where: $r_1 = d_1/d_0$ is the relative risk of the exposed cohort.

The relative risk of the unexposed cohort is $r_0 = 1$; the attributable risk of this cohort is $AR_0 = 0$.

The attributable risk (AR) for the population as a whole (exposed plus unexposed cohorts) is given by:

$$AR = \frac{p_1 (r_1 - 1)}{p_1 (r_1) + (1 - p_1)(r_0)} = \frac{(p_1)(r_1 - 1)}{(p_1)(r_1 - 1) + 1}$$

Where: $p_1 =$ the proportion or fraction of the population exposed to the risk factor; and
$1\text{-}p_1 =$ the proportion or fraction of the population not exposed to the risk factor.

This may be extended to account for multiple levels of exposure, as follows:

$$AR = \frac{\sum_{i=1}^{n} p_i (r_i - 1)}{\sum_{i=1}^{n} p_i (r_i - 1) + 1}$$

Where: $p_i =$ the proportion (prevalence) of the population in the ith level of exposure group;
$r_i =$ the relative risk at the ith level of exposure; and
$i =$ the ith risk category.

When applied to smoking-attributable mortality (SAM), the attributable risk is often expressed as a percentage:

$$\text{SAM } (\%) = \text{AR} \times 100$$

The number of adult (35+ years of age) smoking deaths in British Columbia were estimated for 19 diseases. Smoking-attributable deaths are derived by multiplying the smoking-attributable mortality percentage expressed as a decimal fraction by the number of deaths in each cause of death category listed below.

Cause of Death	**ICD-10 Code(s)**
Malignant Neoplasms	
Malignant neoplasm of lip, oral cavity, and pharynx	C00–C14
Malignant neoplasm of esophagus	C15
Malignant neoplasm of pancreas	C25
Malignant neoplasm of larynx	C32
Malignant neoplasm of trachea, lung, and bronchus	C33–C34
Malignant neoplasm of cervix, uterus	C53–C55
Malignant neoplasm of urinary bladder	C67
Malignant neoplasm of kidney and other unspecified urinary organs	C64–C66, C68
Circulatory System Diseases	
Hypertension	I10–I13
Ischaemic heart disease	I20–I25
Other heart diseases	I01–I09, I27, I30–I52
Cerebrovascular disease	I60–I69
Atherosclerosis	I70
Aortic aneurysm	I71
Other arterial diseases	I26, I28, I72–I78
Respiratory System Diseases	
Pneumonia/influenza	J10–J18.1, J18.8–J18.9
Bronchitis, emphysema	J40–J43
Chronic obstructive pulmonary disease	J44
Other respiratory diseases	A15–A19, J45–J46

Relative-risk data from the American Society's Cancer Prevention Study (CPS-II) 1982–1988[3] were selected for use, as they have been widely used for similar analyses. The data from the CPS-II established the age groups and the classification of smokers (current, former, and never) for which smoking prevalence data were required. The relative risk age categories were for 35+, or 35–64 and 65+. B.C. prevalence rates for smoking were provided in the *Tobacco Use in B.C. (1997)* survey commissioned by the B.C. and Yukon Health and Stroke Foundation.[4]

Refer to Glossary in previous annual reports for ICD-9 codes.

SMR

(See **Standardized Mortality Ratio.**)

STANDARD POPULATION

A reference population of known age distribution used in the calculation of standardized indicators to adjust for variations in population age structures in different geographic areas or time periods. For SMR and PYLLI calculations the standard population is the British Columbia population for the year(s) concerned. The 1991 Canadian Census is used as the standard population in the calculation of ASMR and PYLLSR.

STANDARDIZED MORTALITY RATIO (SMR)

The ratio of the number of deaths occurring to residents of a geographic area (e.g., LHA) to the expected number of deaths in that area based on provincial age-specific mortality rates. The SMR is a good measure for comparing mortality data that are based on a small number of cases or for readily comparing mortality data by geographical area. SMR is an internationally recognized health status indicator.

(See **Age Standardization** and **Standard Population**; for an example see **Statistical Computation**.)

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[3] Centers for Disease Control. (1990). *Smoking and health: A national status report*. (DHSS publication no. (CDC) 87–8396). 2nd Edition. Rockville, MD: U.S. Department of Health and Human Services.

[4] *Tobacco Use in B.C.*, ANGUS REID GROUP survey results, September 1997.

STATISTICAL COMPUTATION

The following provides the reader with computational examples of how various measures are calculated. In the examples, LHAs have been employed as the geographic unit of analysis. All data shown in the examples are hypothetical.

- **Age Standardized Mortality Rate (ASMR):**

		LHA		
Age Group (i)	Standard Population (π_i)	Estimated Population (p_i)	Death Rate/10,000 (m_i)	Observed Deaths (d_i)
<1	403,061	1,339	22.4	3
1–4	1,550,285	5,483	1.8	1
.	.	.	.	.
.	.	.	.	.
.	.	.	.	.
80–84	382,303	1,198	701.2	84
85 +	287,877	908	1596.9	145
TOTAL	28,120,065	81,016		561

For the Local Health Area:

$$ASMR = \frac{\sum m_i \times \pi_i}{\Pi} = \frac{22.4 \times 403{,}061 + \ldots + 1{,}596.9 \times 287{,}877}{28{,}120{,}065} = 46.2$$

Where:
p_i = area population in age group i;
π_i = standard population in age group i;
Π = $\sum \pi_i$ = total standard population;
d_i = deaths in LHA population in age group i; and
m_i = $d_i / p_i \times 10{,}000$ = mortality rate per 10,000 LHA population in age group i.

e.g., $m_i = \frac{3 \times 10{,}000}{1{,}339} = 22.4$, for age group 1.

- **Fertility Rate:**

	LHA		
Age Group (i)	Live Births (b_i)	Female Population (w_i)	Age Specific Fertility Rate $(ASFR_i)$
15–19	19	598	31.8
20–24	46	440	104.5
25–29	74	498	148.6
30–34	51	745	68.5
35–39	12	690	17.4
40–44	2	581	3.4
TOTAL	204	3,552	374.2

For the Local Health Area:

1) the age specific fertility rate (ASFR) for age group 15–19 years is:

$$ASFR_i = \frac{b_i}{w_i} \times 1{,}000 = \frac{19}{598} \times 1{,}000 = 31.8$$

Where:
b_i = number of live births for age group i; and
w_i = number of female population for age group i.

STATISTICAL COMPUTATION

The following provides the reader with computational examples of how various measures are calculated. In the examples, LHAs have been employed as the geographic unit of analysis. All data shown in the examples are hypothetical.

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Where:
p_i = area population in age group i;
π_i = standard population in age group i;
Π = $\sum \pi_i$ = total standard population;
d_i = deaths in LHA population in age group i; and
m_i = $d_i / p_i \times 10{,}000$ = mortality rate per 10,000 LHA population in age group i.

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Where:
b_i = number of live births for age group i; and
w_i = number of female population for age group i.

2) the total fertility rate (TFR) is:

$$TFR = a \times \sum ASFR_i = 5 \times (31.8 + \ldots + 3.4) = 1{,}871$$

Where: $ASFR_i$ = age specific fertility rate for age group i; and
a = number of years in each age group i.

- **Low Birth Weight (LBW) Live Births:**

	LHA			British Columbia	
	Low Birth Weight Live Births		Total	Low Birth Weight Live Births	Total
Year (i)	Observed (O_i)	Expected (E_i)	Live Births (L_i)	Observed (b_i)	Live Births (B_i)
1995	**92**	**82.9**	**1,701**	**2,096**	**42,989**
1996	**69**	**74.6**	**1,588**	**1,965**	**41,846**
1997	**102**	**80.2**	**1,582**	**2,113**	**41,655**
1998	**85**	**74.7**	**1,495**	**2,145**	**42,913**
1999	**91**	**78.1**	**1,501**	**2,267**	**43,586**
TOTAL	**439**	**390.6**	**7,867**	**10,586**	**212,989**

For the Local Health Area:

1) the expected low birth weight live births for year i = 1995 were:

$$E_i = \frac{b_i}{B_i} \times L_i = \frac{2{,}096}{42{,}989} \times 1{,}701 = 82.9$$

Where: b_i = number of LBW live births for the province in year i;
B_i = number of live births for the province in year i; and
L_i = number of live births for the LHA.

2) the ratio of observed over the expected LBW live births for the five-year period was:

$$\text{Ratio} = \frac{\sum O_i}{\sum E_i} = \frac{92 + \ldots + 91}{82.9 + \ldots + 78.1} = \frac{439}{390.6} = 1.1$$

Where: O_i = observed LBW live births for year i; and
E_i = expected LBW live births for year i.

3) Chi-Square (χ^2) :

$$\chi^2 = \frac{(O - E)^2}{E} = \frac{(439 - 390.6)^2}{390.6} = 6.0$$

Where: O = $\sum O_i$ = total number of observed LBW live births; and
E = $\sum E_i$ = total number of expected LBW live births.

- **Potential Years of Life Lost (PYLL) and Standard Rate (PYLLSR):**

Age Group (i)	Age Factor ($75-Y_i$)	Standard Population (π_i)	LHA			
			Estimated Population (p_i)	Death Rate/1,000 (m_i)	Observed Deaths (d_i)	Observed PYLL ($d_i(75-Y_i)$)
<1	74.5	403,061	1,339	2.2	3	223.5
1–4	72.0	1,550,285	5,483	0.2	1	72.0
5–9	67.5	1,953,045	6,553	0.2	1	67.5
.	.	.	.	.	.	
.	.	.	.	.	.	
.	.	.	.	.	.	
65–69	7.5	1,084,588	3,538	18.7	66	495.0
70–74	2.5	834,024	2,779	28.8	80	200.0
TOTAL	–	28,120,065	79,140		239	3,183.0

For the Local Health Area:

$$PYLL = \sum di \times (75 - Yi)$$

Where: d_i = number of deaths in age group i;
Y_i = age at midpoint of age group i; and
Σ = summation.

$$PYLLSR = \frac{\sum m_i \times \pi_i \times (75 - Y_i)}{\prod} = \frac{2.2 \times 403{,}061 \times 74.5 + \ldots + 28.8 \times 834{,}024 \times 2.5}{28{,}120{,}065} = 37.0$$

Where: p_i = LHA population in age group i;
π_i = standard population in age group i;
$\prod = \sum \pi_i$ = total standard population;
d_i = deaths in LHA population in age group i;
Y_i = age at midpoint of age group i; and
$m_i = d_i/p_i \times 10{,}000$ = mortality rate per 10,000 LHA population in age group i.

- **Potential Years of Life Lost Index (PYLLI):**

Age Group (i)	Age Factor ($75-Y_i$)	LHA					British Columbia			
		Estimated Population (p_i)	Death Rate/1,000 (m_i)	Observed Deaths (d_i)	Observed PYLL ($d_i(75-Y_i)$)	Expected PYLL ($e_i(75-Y_i)$)	Estimated Population (P_i)	Death Rate/1,000 ($D_i/P_i \times 1{,}000$)	Observed Deaths (D_i)	Observed PYLL ($D_i(75-Y_i)$)
<1	74.5	1,339	2.2	3	223.5	766.3	42,700	7.7	328	24,436.0
1–4	72.0	5,483	0.2	1	72.0	139.6	172,500	0.4	61	4,392.0
5–9	67.5	6,553	0.2	1	67.5	96.6	215,100	0.2	47	3,172.5
.	.	.	.	.	.	.	.	.	.	.
.	.	.	.	.	.	.	.	.	.	.
.	.	.	.	.	.	.	.	.	.	.
65–69	7.5	3,538	18.7	66	495.0	443.9	137,200	16.7	2,295	17,212.5
70–74	2.5	2,779	28.8	80	200.0	182.3	107,000	26.2	2,807	7,017.5
TOTAL	–	79,140		239	3,183.0	5,100.0	2,966,500		11,068	200,265.5

2) the total fertility rate (TFR) is:

$$TFR = a \times \sum ASFR_i = 5 \times (31.8 + \ldots + 3.4) = 1{,}871$$

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	LHA			British Columbia	
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Where: $O = \Sigma O_i$ = total number of observed LBW live births; and
$E = \Sigma E_i$ = total number of expected LBW live births.

- **Potential Years of Life Lost (PYLL) and Standard Rate (PYLLSR):**

Age Group (i)	Age Factor ($75-Y_i$)	Standard Population (π_i)	LHA Estimated Population (p_i)	LHA Death Rate/1,000 (m_i)	LHA Observed Deaths (d_i)	LHA Observed PYLL ($d_i(75-Y_i)$)
<1	74.5	403,061	1,339	2.2	3	223.5
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.	.	.	.	.	.	
.	.	.	.	.	.	
.	.	.	.	.	.	
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For the Local Health Area:

$$\text{PYLL} = \sum di \times (75 - Yi)$$

Where:
d_i = number of deaths in age group i;
Y_i = age at midpoint of age group i; and
Σ = summation.

$$PYLLSR = \frac{\sum m_i \times \pi_i \times (75 - \text{Y}_i)}{\Pi} = \frac{2.2 \times 403{,}061 \times 74.5 + \ldots + 28.8 \times 834{,}024 \times 2.5}{28{,}120{,}065} = 37.0$$

Where:
p_i = LHA population in age group i;
π_i = standard population in age group i;
Π = $\sum \pi_i$ = total standard population;
d_i = deaths in LHA population in age group i;
Y_i = age at midpoint of age group i; and
m_i = $d_i/p_i \times 10{,}000$ = mortality rate per 10,000 LHA population in age group i.

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.	.	.	.	.	.	.	.	.	.	.
.	.	.	.	.	.	.	.	.	.	.
.	.	.	.	.	.	.	.	.	.	.
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TOTAL	–	79,140		239	3,183.0	5,100.0	2,966,500		11,068	200,265.5

For the Local Health Area:

$$PYLLI = \frac{O}{E} = \frac{\Sigma d_i \times (75 - Y_i)}{\Sigma e_i \times (75 - Y_i)} = \frac{223.5 + \ldots + 200.0}{766.3 + \ldots + 182.3} = \frac{3{,}183}{5{,}100} = 0.6$$

Where:
O = observed PYLL;
E = expected PYLL;
d_i = observed deaths in age group i;
e_i = expected deaths in age group i;
Y_i = age at midpoint of age group i;
p_i = LHA population for age group i;
P_i = provincial population for age group i;
D_i = provincial deaths for age group i.

1) Observed PYLL (O)

The number of potential years of life lost (PYLL) based on the number and age at death of deaths that occurred in the LHA. For example, for age group under one year of age, the observed PYLL are: Observed PYLL=deaths × age factor= $d_i(75 - Y_i) = 3 \times 74.5 = 223.52)$

2) Expected PYLL (E)

The number of potential years of life lost (PYLL) expected for residents of the LHA based on the PYLL from the expected deaths in the age group. For example, for age group under one year of age, the expected PYLL are:

$$\text{Expected PYLL} = \text{expected deaths} \times \text{age factor} = e_i\,(75 - Y_i) = \frac{D_i}{P_i} \times p_i \times (75 - Y_i)$$

$$= \frac{328}{42{,}700} \times 1{,}339 \times 74.5 = 766.3$$

- **Standardized Mortality Ratio (SMR):**

	LHA				British Columbia		
Age Group (i)	Estimated Population (p_i)	Death Rate/1,000 (m_i)	Observed Deaths (d_i)	Expected Deaths (e_i)	Estimated Population (P_i)	Death Rate/1,000 (M_i)	Observed Deaths (D_i)
<1	1,339	2.2	3	10.3	42,700	7.7	328
1–4	5,483	0.2	1	1.9	172,500	0.4	61
.	.	.	.	.	.	.	.
.	.	.	.	.	.	.	.
.	.	.	.	.	.	.	.
80–84	1,198	70.1	84	87.2	48,100	72.8	3,502
85+	908	159.7	145	138.8	34,500	152.8	5,272
TOTAL	81,016		561	595.1	3,131,700		23,389

For the Local Health Area:

$$SMR = \frac{\Sigma d_i}{\Sigma e_i} = \frac{3 + \ldots + 145}{10.3 + \ldots + 138.8} = \frac{561}{595.1} = 0.9$$

Where:
d_i = observed deaths in age group i; and
e_i = expected deaths in age group i.

For the Local Health Area:

$$PYLLI = \frac{O}{E} = \frac{\Sigma d_i \times (75 - Y_i)}{\Sigma e_i \times (75 - Y_i)} = \frac{223.5 + \ldots + 200.0}{766.3 + \ldots + 182.3} = \frac{3{,}183}{5{,}100} = 0.6$$

Where: O = observed PYLL;
E = expected PYLL;
d_i = observed deaths in age group i;
e_i = expected deaths in age group i;
Y_i = age at midpoint of age group i;
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2) Expected PYLL (E)

The number of potential years of life lost (PYLL) expected for residents of the LHA based on the PYLL from the expected deaths in the age group. For example, for age group under one year of age, the expected PYLL are:

$$\text{Expected PYLL} = \text{expected deaths} \times \text{age factor} = e_i\,(75 - Y_i) = \frac{D_i}{P_i} \times p_i \times (75 - Y_i)$$

$$= \frac{328}{42{,}700} \times 1{,}339 \times 74.5 = 766.3$$

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	LHA				British Columbia		
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.	.	.	.	.	.	.	.
.	.	.	.	.	.	.	.
.	.	.	.	.	.	.	.
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For the Local Health Area:

$$SMR = \frac{\Sigma d_i}{\Sigma e_i} = \frac{3 + \ldots + 145}{10.3 + \ldots + 138.8} = \frac{561}{595.1} = 0.9$$

Where: d_i = observed deaths in age group i; and
e_i = expected deaths in age group i.

1) Observed Deaths (d)

The actual number of deaths that occurred in the LHA. For example, for age group under one year of age, the observed deaths are three.

2) Expected Deaths (e)

The number of deaths expected for residents of the LHA based on the age specific mortality rates for the province as a whole and the population age structure of the LHA. For age group under one year, the expected deaths are:

$$e_i = \frac{D_i}{P_i} \times p_i = \frac{328}{42{,}700} \times 1{,}339 = 10.3$$

Where: p_i = LHA population for age group i;
D_i = provincial death for age group i; and
P_i = provincial population for age group i.

STATISTICAL TEST

- **P-VALUE**

The p-value is the probability of rejecting the null hypothesis when a specified test procedure is used on a given data set. This probability is the smallest level of significance at which the null hypothesis would be rejected. Once the p-value has been determined, the conclusion at any particular level α results from comparing the p-value to α (e.g., 0.05):

(a) p-value $\leq \alpha \Rightarrow$ reject null hypothesis at level α,

(b) p-value $> \alpha \Rightarrow$ do not reject the null hypothesis at level α,

and we call the data statistically significant when the null hypothesis is rejected and not significant otherwise.

- For rates, such as ASMRs, the test employed to determine statistical significance is a confidence interval. The 95% confidence interval for the difference (D) between a LHA and a provincial rate is defined by the upper and lower limits of the interval as follows:

$$\textit{Lower Limit} = D - 1.96 \sqrt{\frac{R_l^2}{O_l} + \frac{R_p^2}{O_p}}$$

$$\textit{Upper Limit} = D + 1.96 \sqrt{\frac{R_l^2}{O_l} + \frac{R_p^2}{O_p}}$$

Where: R_l = Rate for LHA l;
R_p = Rate for the province;
O_l = Observed number for LHA l; and
O_p = Observed number for the province.

If the Lower Limit >0, then R_l is statistically significantly higher than R_p;
if the Upper Limit <0, then R_l is statistically significantly lower than R_p; otherwise,
there is no statistically significant difference.

- For ratios, such as SMRs, a Chi-square ($\chi 2$) test is applied to determine whether the observed number of cases is statistically significantly different from the expected number. For LHA *l*:

$$\chi_l^2 = \frac{(O_l - E_l)^2}{E_l}$$

(with one degree of freedom).

Where: O_l = Observed number for LHA *l*; and
E_l = Expected number for LHA *l*.

If $\chi_l^2 > 3.84$, the ratio is statistically significant at 5% significance level.

- For SMR values, the Chi-square statistic that is applied is:

$$\chi_l^2 = 9\hat{O}_l(1 - \frac{1}{9\hat{O}_l} - (\frac{E_l}{\hat{O}_l})^{1/3})^2$$

Where: $\hat{O}_l = O_l$ *if* $O_l > E_l$; *otherwise*
$\hat{O}_l = O_l + 1.$

STILLBIRTH

The *Vital Statistics Act* defines a stillbirth as "The complete expulsion or extraction from its mother after at least 20 weeks of pregnancy, or after attaining a weight of at least 500 grams, of a product of conception in which, after the expulsion or extraction, there is no breathing, beating of the heart, pulsation of the umbilical cord, or unmistakable movement of voluntary muscle."

The definition of a stillbirth has changed over the years. From July 1, 1962 until January 1, 1986, the definition of a stillbirth did not include the phrase "or after attaining a weight of at least 500 grams." From 1950 until July 1, 1962, the definition of a stillbirth was: the birth of a viable fetus after at least 28 weeks pregnancy in which pulmonary respiration does not occur, whether death occurs before, during, or after birth.

STILLBIRTH RATE

(See **Crude Rates.**)

TEENAGE MOTHERS

Mothers less than 20 years of age.

TERM

(See **Gestational Age**.)

TFR

(See **Total Fertility Rate**.)

TOTAL BIRTHS

The number of live births plus stillbirths.

TOTAL FERTILITY RATE (TFR)

The rate is calculated by summing all of the age-specific birth rates multiplied by the number of years by which the age-specific birth rates are grouped (this assumes the same number of women in each age group). "The total fertility rate indicates the number of births that a group of 1,000 women would have if they experienced, during their childbearing years (i.e., age 15 to 44 years), the age-specific birth rates observed in a given calendar year. It is a hypothetical measure that shows the implications of current levels of fertility by age for completed family size." (National Center for Health Statistics. Supplements to the monthly vital statistics report: advance reports, 1987. National Center for Health Statistics. Vital Health Stat 24 (4) p. 5. 1990.)

(See **Statistical Computation** for an example.)

TOTAL PYLL
The total number of potential years of life lost prior to an established cut-off point of 75 years.

VERY LOW BIRTH WEIGHT
A birth weight of less than 1,500 grams.

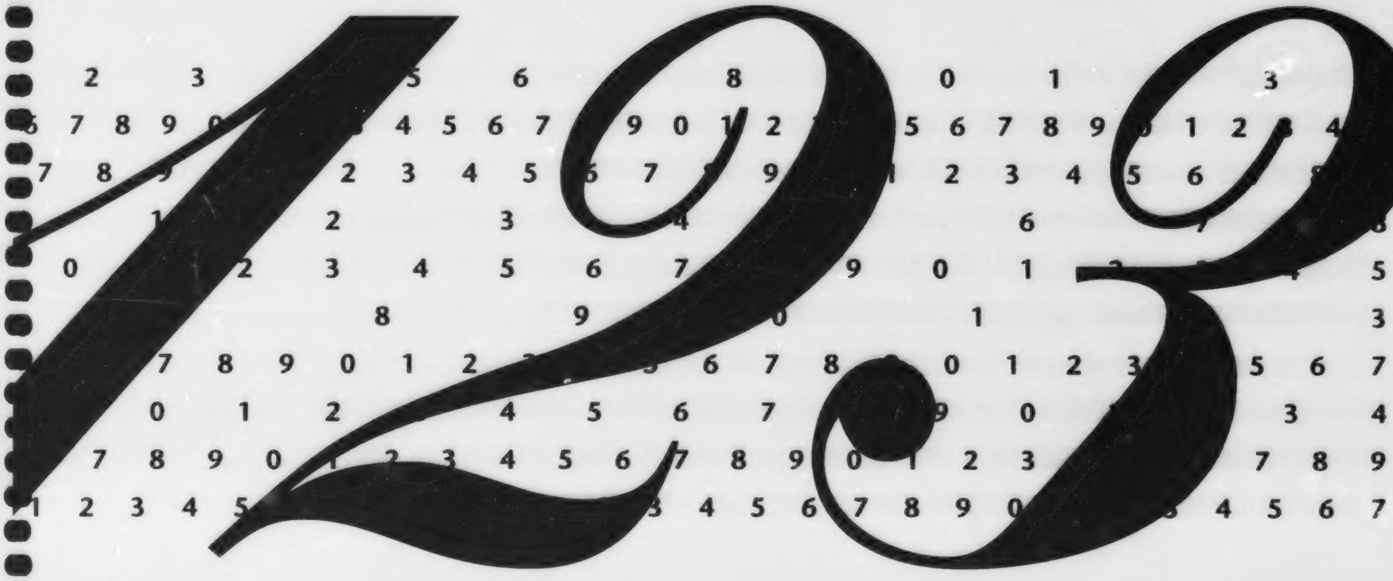
UCOD
(See **Underlying Cause of Death.**)

UNDERLYING CAUSE OF DEATH (UCOD)
The World Health Organization defines the underlying cause of death as "(a) the disease of injury which initiated the train of events leading directly to death, or (b) the circumstances of the accident or violence which produced the fatal injury."

VACUUM
(See **Mode of Delivery**.)

VERTEX
(See **Mode of Delivery**.)

References



List of Reports and Publications, 2000 and 2001 to Date

The Vital Statistics Agency continues to be actively involved in the preparation of various reports that present and analyze British Columbia's vital event data. The following is a list of the most recent articles and publications by the Agency:

British Columbia Vital Statistics Agency, Ministry of Health and Ministry Responsible for Seniors (produced for the First Nations and Inuit Health Branch, Health Canada). *Regional Analysis of Health Statistics for Status Indians in British Columbia, 1991–1999, Birth Related and Mortality Summaries, British Columbia and Health Regions.*

British Columbia Vital Statistics Agency, Ministry of Health and Ministry Responsible for Seniors. *Selected Vital Statistics and Health Status Indicators: One Hundred Twenty-Eighth Annual Report 1999.*

British Columbia Vital Statistics Agency, Ministry of Health and Ministry Responsible for Seniors. *Health Status Registry Report, Congenital Anomalies, Genetic Defects, Selected Disabilities, British Columbia to 1998.*

British Columbia Vital Statistics Agency, Ministry of Health and Ministry Responsible for Seniors. *Pregnancy Counts and Rates by Age Groups by Health Region, British Columbia, 1990/1991 to 1998/1999.*

British Columbia Vital Statistics Agency, Ministry of Health and Ministry Responsible for Seniors. *Pregnancy Counts and Rates by Age Groups by Local Health Area, British Columbia, 1990/1991 to 1998/1999.*

Kashaninia, Z. "Fire Deaths in British Columbia, 1986 to 1998", *Quarterly Digest*, 9 (3), March, 2000.

Kashaninia, Z. "Tuberculosis and Mycobacterium: Impact on Mortality in British Columbia, 1990 to 1999", *Quarterly Digest*, 10 (1), October, 2000.

Macdonald, J. "The Impact of ICD-10 in Identifying, Coding, and UCOD Selection of Cancer(s) on Death Records", *Quarterly Digest*, 10 (4) in press.

Silver, M. "The Health Status Registry – A Valuable Resource", *Quarierly Digest*, 10 (2 & 3), December, 2000.

Stubbings, T. and Macdonald, J. "Beautiful and Deadly British Columbia: Natural Environmental Deaths, 1985 to 1998", *Quarterly Digest*, 9 (4), June, 2000.

Internet Sources of Vital Statistics Information

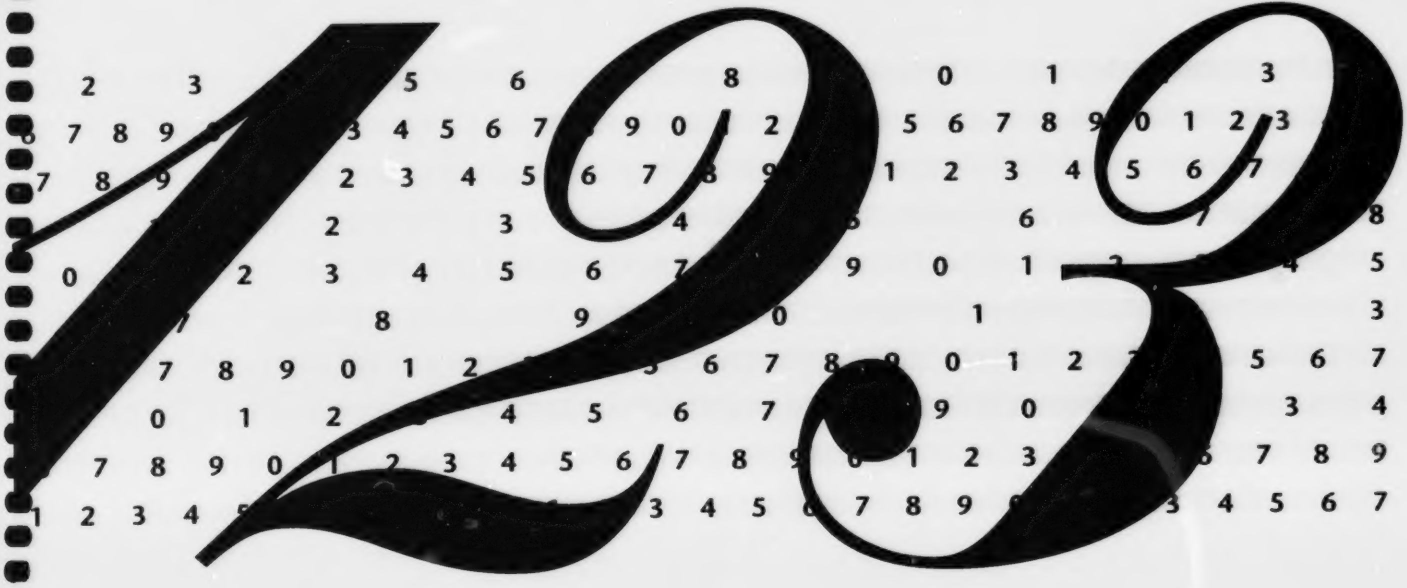
The Agency's Information and Resource Management branch web pages (http://www.vs.gov.bc.ca/) include copies of recent annual reports, quarterly reports (*Quarterly Digest* tables and articles), health status indicators, popular baby names, and feature reports including the *Analysis of Status Indians in British Columbia.* Copies of most reports can be downloaded from the Portable Document Files pages.

Vital statistics mortality data are also available on the Health Data Warehouse, Ministry of Health and Ministry Responsible for Seniors (http://www.hdw.moh.hnet.bc.ca/). Access to this Ministry intranet site is limited to authorized users.

The BC STATS (http://www.bcstats.gov.bc.ca/data/pop/popstart.htm) presents statistics derived from census. BC STATS produces all the population estimates used in Agency reports; population estimates and other statistics can be downloaded from their website.

Appendix 1

STATISTICAL SUMMARIES BY HEALTH REGION, LOCAL HEALTH AREA AND COMMUNITY, BRITISH COLUMBIA, 2000



Preamble to Appendix 1

British Columbia is a large, geographically diverse province. The majority of the population is concentrated in the southwestern corner of the province, with the majority of the remaining population concentrated in the major cities of Kelowna, Kamloops, Prince George, and Nanaimo, or along the border with the United States. Large areas of the province are sparsely populated. Health care services tend to be concentrated in the areas of greater population, especially in the metropolitan areas of Vancouver and Victoria.

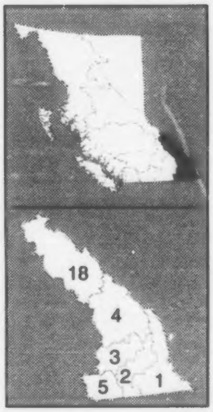
Appendix 1 provides summary details of the 2000 vital statistics for health regions (HR), local health areas (LHA), and incorporated communities. The health regions and local health areas correspond to, or can be aggregated to, the boundaries of the regional health authorities (Regional Health Boards, Community Health Service Societies, and Community Health Councils). Information presented includes the number of live births, stillbirths, and deaths by gender, and the number of marriages. Live births and stillbirths are assigned to the geographic areas based on usual residence of the mother. Deaths are assigned to geographic areas based on the usual residence of the decedent. Marriages are assigned to geographic areas based on the place where the marriage ceremony was performed.

Population estimates, average age, and life expectancy at birth (1996–2000) were obtained from BC STATS, Ministry of Finance and Corporate Relations.

APPENDIX 1
STATISTICAL SUMMARIES BY HEALTH REGION, LOCAL HEALTH AREA AND COMMUNITY
BRITISH COLUMBIA, 2000

HR 01 EAST KOOTENAY

Health Region/ Local Health Area/ Community (Incorporated Only)	Type†	Gender	Population	Live Births	Deaths	Marriages	Stillbirths	Average Age Population	Life Expectancy (1996–2000)
LHA 001 Fernie		M	8,635	66	46		–	35.5	78.2
		F	8,009	63	26		–	36.1	82.7
		T	16,644	129	72	97	–	35.8	80.3
Elkford	DM	M		5	5		–		
		F		10	1		–		
		T	2,866	15	6	13	–		
Fernie	C	M		33	26		–		
		F		26	21		–		
		T	5,272	59	47	58	–		
Sparwood	DM	M		19	8		–		
		F		17	3		–		
		T	4,167	36	11	14	–		
LHA 002 Cranbrook		M	13,168	108	87		–	36.0	77.1
		F	13,227	107	94		1	37.2	80.8
		T	26,395	215	181	112	1	36.6	78.9
Cranbrook	C	M		98	73		–		
		F		89	83		1		
		T	19,874	187	156	83	1		
LHA 003 Kimberley		M	4,491	36	41		–	40.4	77.2
		F	4,457	25	43		–	42.4	83.0
		T	8,948	61	84	85	–	41.4	80.0
Kimberley	C	M		31	34		–		
		F		20	41		–		
		T	6,976	51	75	72	–		
LHA 004 Windermere		M	4,882	34	22		2	37.1	78.7
		F	4,691	41	15		–	37.9	91.8
		T	9,573	75	37	108	2	37.5	83.1
Invermere	DM	M		12	8		1		
		F		22	9		–		
		T	2,952	34	17	33	1		
Radium Hot Springs	VL	M		4	3		–		
		F		5	–		–		
		T	651	9	3	13	–		
LHA 005 Creston		M	6,496	68	78		–	40.8	77.6
		F	6,664	67	69		–	42.6	82.4
		T	13,160	135	147	73	–	41.7	80.0
Creston	T	M		27	47		–		
		F		16	50		–		
		T	5,161	43	97	38	–		
LHA 018 Golden		M	4,054	32	16		–	34.7	75.8
		F	3,778	26	21		–	34.6	80.7
		T	7,832	58	37	92	–	34.7	78.1
Golden	T	M		22	16		–		
		F		17	19		–		
		T	4,253	39	35	44	–		
HR 01 TOTAL		**M**	**41,726**	**344**	**290**		**2**	**37.1**	**77.6**
		F	**40,826**	**329**	**268**		**1**	**38.3**	**82.2**
		T	**82,552**	**673**	**558**	**567**	**3**	**37.7**	**79.8**



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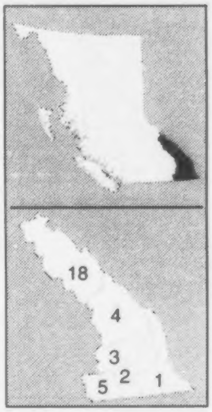
APPENDIX 1

STATISTICAL SUMMARIES BY HEALTH REGION, LOCAL HEALTH AREA AND COMMUNITY

BRITISH COLUMBIA, 2000

Health Region/ Local Health Area/ Community (Incorporated Only)	Type†	Gender	Population	Live Births	Deaths	Marriages	Stillbirths	Average Age Population	Life Expectancy (1996–2000)
HR 01 EAST KOOTENAY									
LHA 001 Fernie		M	8,635	66	46		–	35.5	78.2
		F	8,009	63	26		–	36.1	82.7
		T	16,644	129	72	97	–	35.8	80.3
Elkford	DM	M		5	5		–		
		F		10	1		–		
		T	2,866	15	6	13	–		
Fernie	C	M		33	26		–		
		F		26	21		–		
		T	5,272	59	47	58	–		
Sparwood	DM	M		19	8		–		
		F		17	3		–		
		T	4,167	36	11	14	–		
LHA 002 Cranbrook		M	13,168	108	87		–	36.0	77.1
		F	13,227	107	94		1	37.2	80.8
		T	26,395	215	181	112	1	36.6	78.9
Cranbrook	C	M		98	73		–		
		F		89	83		1		
		T	19,874	187	156	83	1		
LHA 003 Kimberley		M	4,491	36	41		–	40.4	77.2
		F	4,457	25	43		–	42.4	83.0
		T	8,948	61	84	85	–	41.4	80.0
Kimberley	C	M		31	34		–		
		F		20	41		–		
		T	6,976	51	75	72	–		
LHA 004 Windermere		M	4,882	34	22		2	37.1	78.7
		F	4,691	41	15		–	37.9	91.8
		T	9,573	75	37	108	2	37.5	83.1
Invermere	DM	M		12	8		1		
		F		22	9		–		
		T	2,952	34	17	33	1		
Radium Hot Springs	VL	M		4	3		–		
		F		5	–		–		
		T	651	9	3	13	–		
LHA 005 Creston		M	6,496	68	78		–	40.8	77.6
		F	6,664	67	69		–	42.6	82.4
		T	13,160	135	147	73	–	41.7	80.0
Creston	T	M		27	47		–		
		F		16	50		–		
		T	5,161	43	97	38	–		
LHA 018 Golden		M	4,054	32	16		–	34.7	75.8
		F	3,778	26	21		–	34.6	80.7
		T	7,832	58	37	92	–	34.7	78.1
Golden	T	M		22	16		–		
		F		17	19		–		
		T	4,253	39	35	44	–		
HR 01 TOTAL		**M**	**41,726**	**344**	**290**		**2**	**37.1**	**77.6**
		F	**40,826**	**329**	**268**		**1**	**38.3**	**82.2**
		T	**82,552**	**673**	**558**	**567**	**3**	**37.7**	**79.8**



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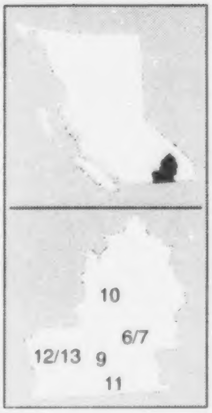
APPENDIX 1 – *continued*
STATISTICAL SUMMARIES BY HEALTH REGION, LOCAL HEALTH AREA AND COMMUNITY
BRITISH COLUMBIA, 2000



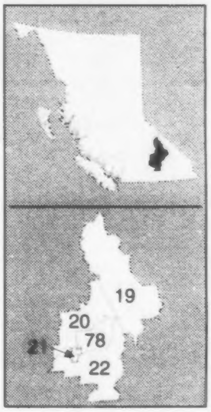
HR 02 WEST KOOTENAY – BOUNDARY

Health Region/ Local Health Area/ Community (Incorporated Only)	Type†	Gender	Population	Live Births	Deaths	Marriages	Stillbirths	Average Age Population	Life Expectancy (1996–2000)
LHA 006 Kootenay Lake		M	1,969	11	21		–	39.4	72.5
		F	1,891	17	7		–	40.8	99.4
		T	3,860	28	28	27	–	40.1	80.5
Kaslo	VL	M		7	15		–		
		F		9	3		–		
		T	1,097	16	18	18	–		
LHA 007 Nelson		M	12,676	119	81		2	37.5	76.6
		F	12,777	107	86		2	38.9	81.4
		T	25,453	226	167	151	4	38.2	79.0
Nelson	C	M		56	40		2		
		F		44	50		–		
		T	9,677	100	90	88	2		
Salmo	VL	M		8	5		–		
		F		10	4		–		
		T	1,253	18	9	12	–		
Slocan	VL	M		2	2		–		
		F		5	1		–		
		T	337	7	3	2	–		
LHA 009 Castlegar		M	6,965	46	61		–	37.7	75.1
		F	6,927	46	48		3	38.8	82.5
		T	13,892	92	109	52	3	38.3	78.6
Castlegar	C	M		29	40		–		
		F		29	31		2		
		T	7,427	58	71	28	2		
LHA 010 Arrow Lakes		M	2,774	21	31		–	39.0	77.1
		F	2,623	19	26		–	40.9	78.9
		T	5,397	40	57	36	–	39.9	78.0
Nakusp	VL	M		13	18		–		
		F		13	15		–		
		T	1,786	26	33	16	–		
New Denver	VL	M		3	5		–		
		F		1	9		–		
		T	600	4	14	14	–		
Silverton	VL	M		1	1		–		
		F		2	–		–		
		T	250	3	1	1	–		
LHA 011 Trail		M	10,237	88	107		–	39.0	75.2
		F	10,692	81	109		–	41.3	81.1
		T	20,929	169	216	76	–	40.2	78.2
Fruitvale	VL	M		15	7		–		
		F		17	8		–		
		T	2,165	32	15	10	–		
Montrose	VL	M		6	6		–		
		F		5	3		–		
		T	1,153	11	9	3	–		
Rossland	C	M		23	20		–		
		F		27	23		–		
		T	3,825	50	43	19	–		
Trail	C	M		32	64		–		
		F		23	64		–		
		T	7,728	55	128	32	–		
Warfield	VL	M		7	7		–		
		F		5	4		–		
		T	1,795	12	11	1	–		

APPENDIX 1 – *continued*
STATISTICAL SUMMARIES BY HEALTH REGION, LOCAL HEALTH AREA AND COMMUNITY
BRITISH COLUMBIA, 2000

Health Region/ Local Health Area/ Community (Incorporated Only)	Type†	Gender	Population	Live Births	Deaths	Marriages	Stillbirths	Average Age Population	Life Expectancy (1996–2000)
LHA 012 Grand Forks		M	4,737	29	58		–	41.0	76.3
		F	4,633	27	36		–	43.0	81.3
		T	9,370	56	94	54	–	42.0	78.7
Grand Forks	C	M		26	52		–		
		F		23	32		–		
		T	4,297	49	84	45	–		
LHA 013 Kettle Valley		M	2,026	17	17		–	39.5	77.9
		F	1,831	9	6		–	39.8	87.9
		T	3,857	26	23	14	–	39.6	81.0
Greenwood	C	M		3	4		–		
		F		1	2		–		
		T	758	4	6	5	–		
Midway	VL	M		3	5		–		
		F		1	3		–		
		T	682	4	8	1	–		
HR 02 TOTAL		**M**	**41,384**	**331**	**376**		**2**	**38.6**	**75.8**
		F	**41,374**	**306**	**318**		**5**	**40.2**	**81.4**
		T	**82,758**	**637**	**694**	**410**	**7**	**39.4**	**78.6**

HR 03 NORTH OKANAGAN



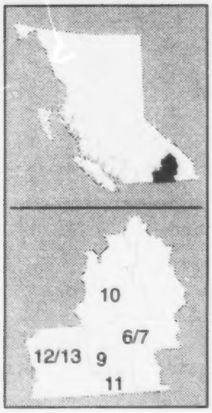
Health Region/ Local Health Area/ Community (Incorporated Only)	Type†	Gender	Population	Live Births	Deaths	Marriages	Stillbirths	Average Age Population	Life Expectancy (1996–2000)
LHA 019 Revelstoke		M	4,456	47	32		–	35.7	74.4
		F	4,298	32	25		–	36.4	80.5
		T	8,754	79	57	39	–	36.1	77.2
Revelstoke	C	M		47	32		–		
		F		32	25		–		
		T	8,213	79	57	39	–		
LHA 020 Salmon Arm		M	16,707	123	147		–	39.8	77.6
		F	16,763	90	116		1	41.7	82.8
		T	33,470	213	263	227	1	40.7	80.1
Salmon Arm	DM	M		61	77		–		
		F		56	90		–		
		T	16,322	117	167	128	–		
Sicamous	DM	M		9	20		–		
		F		10	9		–		
		T	3,145	19	29	29	–		
LHA 021 Armstrong-Spallumcheen		M	4,929	36	37		–	37.6	77.0
		F	5,040	39	27		1	38.9	82.7
		T	9,969	75	64	36	1	38.2	79.8
Armstrong/ Spallumcheen	C/ DM	M		36	37		–		
		F		39	27		1		
		T	9,994	75	64	36	1		
LHA 022 Vernon		M	29,055	243	270		1	38.5	76.6
		F	30,184	230	246		1	40.5	81.4
		T	59,239	473	516	354	2	39.5	79.0
Coldstream	DM	M		31	19		–		
		F		23	14		–		
		T	9,660	54	33	65	–		
Lumby	VL	M		18	13		–		
		F		21	11		–		
		T	1,796	39	24	29	–		
Vernon	C	M		158	212		–		
		F		156	201		1		
		T	34,678	314	413	212	1		

APPENDIX 1 – *continued*

STATISTICAL SUMMARIES BY HEALTH REGION, LOCAL HEALTH AREA AND COMMUNITY

BRITISH COLUMBIA, 2000

HR 02 WEST KOOTENAY – BOUNDARY



Health Region/ Local Health Area/ Community (Incorporated Only)	Type †	Gender	Population	Live Births	Deaths	Marriages	Stillbirths	Average Age Population	Life Expectancy (1996–2000)
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		F	1,891	17	7		–	40.8	99.4
		T	3,860	28	28	27	–	40.1	80.5
Kaslo	VL	M		7	15		–		
		F		9	3		–		
		T	1,097	16	18	18	–		
LHA 007 Nelson		M	12,676	119	81		2	37.5	76.6
		F	12,777	107	86		2	38.9	81.4
		T	25,453	226	167	151	4	38.2	79.0
Nelson	C	M		56	40		2		
		F		44	50		–		
		T	9,677	100	90	88	2		
Salmo	VL	M		8	5		–		
		F		10	4		–		
		T	1,253	18	9	12	–		
Slocan	VL	M		2	2		–		
		F		5	1		–		
		T	337	7	3	2	–		
LHA 009 Castlegar		M	6,965	46	61		–	37.7	75.1
		F	6,927	46	48		3	38.8	82.5
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Castlegar	C	M		29	40		–		
		F		29	31		2		
		T	7,427	58	71	28	2		
LHA 010 Arrow Lakes		M	2,774	21	31		–	39.0	77.1
		F	2,623	19	26		–	40.9	78.9
		T	5,397	40	57	36	–	39.9	78.0
Nakusp	VL	M		13	18		–		
		F		13	15		–		
		T	1,786	26	33	16	–		
New Denver	VL	M		3	5		–		
		F		1	9		–		
		T	600	4	14	14	–		
Silverton	VL	M		1	1		–		
		F		2	–		–		
		T	250	3	1	1	–		
LHA 011 Trail		M	10,237	88	107		–	39.0	75.2
		F	10,692	81	109		–	41.3	81.1
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Fruitvale	VL	M		15	7		–		
		F		17	8		–		
		T	2,165	32	15	10	–		
Montrose	VL	M		6	6		–		
		F		5	3		–		
		T	1,153	11	9	3	–		
Rossland	C	M		23	20		–		
		F		27	23		–		
		T	3,825	50	43	19	–		
Trail	C	M		32	64		–		
		F		23	64		–		
		T	7,728	55	128	32	–		
Warfield	VL	M		7	7		–		
		F		5	4		–		
		T	1,795	12	11	1	–		

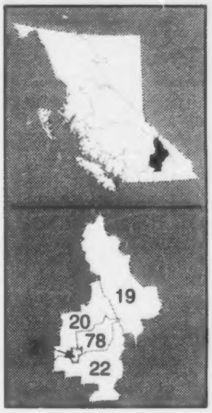
APPENDIX 1 – *continued*

STATISTICAL SUMMARIES BY HEALTH REGION, LOCAL HEALTH AREA AND COMMUNITY

BRITISH COLUMBIA, 2000

Health Region/ Local Health Area/ Community (Incorporated Only)	Type†	Gender	Population	Live Births	Deaths	Marriages	Stillbirths	Average Age Population	Life Expectancy (1996–2000)
LHA 012 Grand Forks		**M**	**4,737**	**29**	**58**		**–**	**41.0**	**76.3**
		F	**4,633**	**27**	**36**		**–**	**43.0**	**81.3**
		T	**9,370**	**56**	**94**	**54**	**–**	**42.0**	**78.7**
Grand Forks	C	M		26	52		–		
		F		23	32		–		
		T	4,297	49	84	45	–		
LHA 013 Kettle Valley		**M**	**2,026**	**17**	**17**		**–**	**39.5**	**77.9**
		F	**1,831**	**9**	**6**		**–**	**39.8**	**87.9**
		T	**3,857**	**26**	**23**	**14**	**–**	**39.6**	**81.0**
Greenwood	C	M		3	4		–		
		F		1	2		–		
		T	758	4	6	5	–		
Midway	VL	M		3	5		–		
		F		1	3		–		
		T	682	4	8	1	–		
HR 02 TOTAL		**M**	**41,384**	**331**	**376**		**2**	**38.6**	**75.8**
		F	**41,374**	**306**	**318**		**5**	**40.2**	**81.4**
		T	**82,758**	**637**	**694**	**410**	**7**	**39.4**	**78.6**

HR 03 NORTH OKANAGAN



Health Region/ Local Health Area/ Community (Incorporated Only)	Type†	Gender	Population	Live Births	Deaths	Marriages	Stillbirths	Average Age Population	Life Expectancy (1996–2000)
LHA 019 Revelstoke		**M**	**4,456**	**47**	**32**		**–**	**35.7**	**74.4**
		F	**4,298**	**32**	**25**		**–**	**36.4**	**80.5**
		T	**8,754**	**79**	**57**	**39**	**–**	**36.1**	**77.2**
Revelstoke	C	M		47	32		–		
		F		32	25		–		
		T	8,213	79	57	39	–		
LHA 020 Salmon Arm		**M**	**16,707**	**123**	**147**		**–**	**39.8**	**77.6**
		F	**16,763**	**90**	**116**		**1**	**41.7**	**82.8**
		T	**33,470**	**213**	**263**	**227**	**1**	**40.7**	**80.1**
Salmon Arm	DM	M		61	77		–		
		F		56	90		–		
		T	16,322	117	167	128	–		
Sicamous	DM	M		9	20		–		
		F		10	9		–		
		T	3,145	19	29	29	–		
LHA 021 Armstrong-Spallumcheen		**M**	**4,929**	**36**	**37**		**–**	**37.6**	**77.0**
		F	**5,040**	**39**	**27**		**1**	**38.9**	**82.7**
		T	**9,969**	**75**	**64**	**36**	**1**	**38.2**	**79.8**
Armstrong/ Spallumcheen	C/ DM	M		36	37		–		
		F		39	27		1		
		T	9,994	75	64	36	1		
LHA 022 Vernon		**M**	**29,055**	**243**	**270**		**1**	**38.5**	**76.6**
		F	**30,184**	**230**	**246**		**1**	**40.5**	**81.4**
		T	**59,239**	**473**	**516**	**354**	**2**	**39.5**	**79.0**
Coldstream	DM	M		31	19		–		
		F		23	14		–		
		T	9,660	54	33	65	–		
Lumby	VL	M		18	13		–		
		F		21	11		–		
		T	1,796	39	24	29	–		
Vernon	C	M		158	212		–		
		F		156	201		1		
		T	34,678	314	413	212	1		

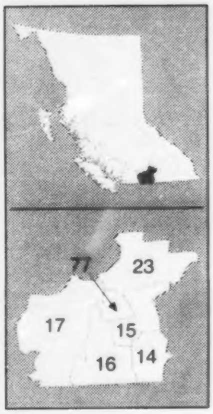
APPENDIX 1 – *continued*

STATISTICAL SUMMARIES BY HEALTH REGION, LOCAL HEALTH AREA AND COMMUNITY

BRITISH COLUMBIA, 2000

Health Region/ Local Health Area/ Community (Incorporated Only)	Type†	Gender	Population	Live Births	Deaths	Marriages	Stillbirths	Average Age Population	Life Expectancy (1996–2000)
LHA 078 Enderby		M	3,910	25	32		–	38.0	73.9
		F	3,908	36	18		–	39.6	81.4
		T	7,818	61	50	37	–	38.8	77.4
Enderby	C	M		24	30		–		
		F		30	17		–		
		T	2,920	54	47	34	–		
TOTAL		**M**	**59,057**	**474**	**518**		**1**	**38.5**	**76.6**
		F	**60,193**	**427**	**432**		**3**	**40.4**	**81.9**
		T	**119,250**	**901**	**950**	**693**	**4**	**39.5**	**79.2**

HR 04 SOUTH OKANAGAN SIMILKAMEEN



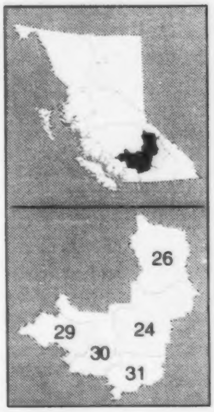
Health Region/ Local Health Area/ Community (Incorporated Only)	Type†	Gender	Population	Live Births	Deaths	Marriages	Stillbirths	Average Age Population	Life Expectancy (1996–2000)
LHA 014 Southern Okanagan		M	9,207	84	113		–	45.4	77.0
		F	9,619	66	86		1	46.7	82.1
		T	18,826	150	199	113	1	46.0	79.4
Oliver	T	M		50	60		–		
		F		38	48		–		
		T	4,359	88	108	52	–		
Osoyoos	T	M		22	34		–		
		F		21	29		1		
		T	4,379	43	63	38	1		
LHA 015 Penticton		M	19,442	149	209		–	41.3	77.4
		F	21,125	174	214		–	44.1	83.2
		T	40,567	323	423	238	–	42.7	80.3
Penticton	C	M		130	198		–		
		F		157	202		–		
		T	32,542	287	400	193	–		
LHA 016 Keremeos		M	2,389	18	31		–	44.5	73.3
		F	2,351	23	16		–	44.5	84.6
		T	4,740	41	47	28	–	44.5	78.0
Keremeos	VL	M		13	23		–		
		F		19	14		–		
		T	1,178	32	37	18	–		
LHA 017 Princeton		M	2,644	22	33		–	41.6	75.2
		F	2,544	10	26		–	41.6	78.3
		T	5,188	32	59	23	–	41.6	76.7
Princeton	T	M		21	30		–		
		F		9	25		–		
		T	2,943	30	55	20	–		
LHA 023 Central Okanagan		M	74,421	715	583		8	38.7	78.5
		F	77,888	637	532		4	40.9	84.0
		T	152,309	1,352	1,115	912	13	39.8	81.2
Kelowna	C	M		493	430		4		
		F		456	402		4		
		T	100,433	949	832	709	8		
Lake Country	DM	M		38	26		–		
		F		33	23		–		
		T	9,366	71	49	48	–		
Peachland	DM	M		17	15		–		
		F		10	13		–		
		T	4,869	27	28	24	–		
LHA 077 Summerland		M	5,534	37	46		–	43.0	78.1
		F	5,969	38	79		–	45.2	81.1
		T	11,503	75	125	75	–	44.1	79.6

APPENDIX 1 – *continued*

STATISTICAL SUMMARIES BY HEALTH REGION, LOCAL HEALTH AREA AND COMMUNITY

BRITISH COLUMBIA, 2000

Health Region/ Local Health Area/ Community (Incorporated Only)	Type†	Gender	Population	Live Births	Deaths	Marriages	Stillbirths	Average Age Population	Life Expectancy (1996–2000)
Summerland	DM	M		37	46		–		
		F		38	79		–		
		T	10,830	75	125	75	–		
HR 04 TOTAL		**M**	**113,637**	**1,025**	**1,015**		**8**	**40.1**	**77.9**
		F	**119,496**	**948**	**953**		**5**	**42.2**	**83.3**
		T	**233,133**	**1,973**	**1,968**	**1,389**	**14**	**41.2**	**80.6**
HR 05 THOMPSON									
LHA 024 Kamloops		M	53,438	503	433		2	36.5	75.5
		F	53,708	405	318		3	37.7	80.9
		T	107,146	908	751	601	5	37.1	78.1
Chase	VL	M		24	29		–		
		F		10	11		–		
		T	2,602	34	40	29	–		
Kamloops	C	M		414	345		2		
		F		353	282		2		
		T	82,832	767	627	508	4		
Logan Lake	DM	M		5	10		–		
		F		6	4		–		
		T	2,505	11	14	4	–		
LHA 026 North Thompson		M	2,753	19	14		–	34.8	73.9
		F	2,600	26	12		–	34.6	81.6
		T	5,353	45	26	31	–	34.7	77.8
LHA 029 Lillooet		M	2,594	29	22		–	34.0	73.2
		F	2,392	23	18		1	34.6	79.9
		T	4,986	52	40	40	1	34.3	76.3
Lillooet	DM	M		25	19		–		
		F		20	17		1		
		T	2,987	45	36	36	1		
LHA 030 South Cariboo		M	4,075	28	33		–	38.3	73.9
		F	3,827	26	23		–	38.2	81.7
		T	7,902	54	56	27	–	38.2	77.3
Ashcroft	VL	M		9	11		–		
		F		6	5		–		
		T	1,995	15	16	7	–		
Cache Creek	VL	M		3	9		–		
		F		5	3		–		
		T	1,114	8	12	12	–		
Clinton	VL	M		6	6		–		
		F		2	7		–		
		T	718	8	13	6	–		
Lytton	VL	M		7	5		–		
		F		11	7		–		
		T	318	18	12	2	–		
LHA 031 Merritt		M	6,221	48	57		1	34.7	72.9
		F	6,031	61	40		1	35.7	78.4
		T	12,252	109	97	79	2	35.2	75.5
Merritt	C	M		43	46		1		
		F		54	35		1		
		T	8,075	97	81	52	2		
HR 05 TOTAL		**M**	**69,081**	**627**	**559**		**3**	**36.3**	**75.1**
		F	**68,558**	**541**	**411**		**5**	**37.3**	**80.7**
		T	**137,639**	**1,168**	**970**	**778**	**8**	**36.8**	**77.8**



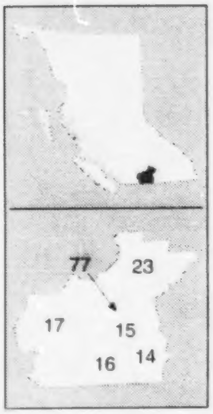
APPENDIX 1 – *continued*

STATISTICAL SUMMARIES BY HEALTH REGION, LOCAL HEALTH AREA AND COMMUNITY

BRITISH COLUMBIA, 2000

Health Region/ Local Health Area/ Community (Incorporated Only)	Type †	Gender	Population	Live Births	Deaths	Marriages	Stillbirths	Average Age Population	Life Expectancy (1996–2000)
LHA 078 Enderby		M	3,910	25	32		–	38.0	73.9
		F	3,908	36	18		–	39.6	81.4
		T	7,818	61	50	37	–	38.8	77.4
Enderby	C	M		24	30		–		
		F		30	17		–		
		T	2,920	54	47	34	–		
TOTAL		**M**	**59,057**	**474**	**518**		**1**	**38.5**	**76.6**
		F	**60,193**	**427**	**432**		**3**	**40.4**	**81.9**
		T	**119,250**	**901**	**950**	**693**	**4**	**39.5**	**79.2**

HR 04 SOUTH OKANAGAN SIMILKAMEEN



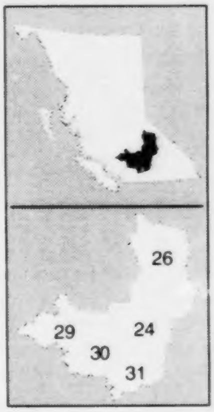
Health Region/ Local Health Area/ Community (Incorporated Only)	Type †	Gender	Population	Live Births	Deaths	Marriages	Stillbirths	Average Age Population	Life Expectancy (1996–2000)
LHA 014 Southern Okanagan		M	9,207	84	113		–	45.4	77.0
		F	9,619	66	86		1	46.7	82.1
		T	18,826	150	199	113	1	46.0	79.4
Oliver	T	M		50	60		–		
		F		38	48		–		
		T	4,359	88	108	52	–		
Osoyoos	T	M		22	34		–		
		F		21	29		1		
		T	4,379	43	63	38	1		
LHA 015 Penticton		M	19,442	149	209		–	41.3	77.4
		F	21,125	174	214		–	44.1	83.2
		T	40,567	323	423	238	–	42.7	80.3
Penticton	C	M		130	198		–		
		F		157	202		–		
		T	32,542	287	400	193	–		
LHA 016 Keremeos		M	2,389	18	31		–	44.5	73.3
		F	2,351	23	16		–	44.5	84.6
		T	4,740	41	47	28	–	44.5	78.0
Keremeos	VL	M		13	23		–		
		F		19	14		–		
		T	1,178	32	37	18	–		
LHA 017 Princeton		M	2,644	22	33		–	41.6	75.2
		F	2,544	10	26		–	41.6	78.3
		T	5,188	32	59	23	–	41.6	76.7
Princeton	T	M		21	30		–		
		F		9	25		–		
		T	2,943	30	55	20	–		
LHA 023 Central Okanagan		M	74,421	715	583		8	38.7	78.5
		F	77,888	637	532		4	40.9	84.0
		T	152,309	1,352	1,115	912	13	39.8	81.2
Kelowna	C	M		493	430		4		
		F		456	402		4		
		T	100,433	949	832	709	8		
Lake Country	DM	M		38	26		–		
		F		33	23		–		
		T	9,366	71	49	48	–		
Peachland	DM	M		17	15		–		
		F		10	13		–		
		T	4,869	27	28	24	–		
LHA 077 Summerland		M	5,534	37	46		–	43.0	78.1
		F	5,969	38	79		–	45.2	81.1
		T	11,503	75	125	75	–	44.1	79.6

APPENDIX 1 – *continued*

STATISTICAL SUMMARIES BY HEALTH REGION, LOCAL HEALTH AREA AND COMMUNITY

BRITISH COLUMBIA, 2000

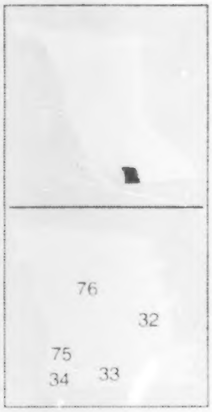
Health Region/ Local Health Area/ Community (Incorporated Only)	Type†	Gender	Population	Live Births	Deaths	Marriages	Stillbirths	Average Age Population	Life Expectancy (1996–2000)
Summerland	DM	M		37	46		–		
		F		38	79		–		
		T	10,830	75	125	75	–		
HR 04 TOTAL		**M**	**113,637**	**1,025**	**1,015**		**8**	**40.1**	**77.9**
		F	**119,496**	**948**	**953**		**5**	**42.2**	**83.3**
		T	**233,133**	**1,973**	**1,968**	**1,389**	**14**	**41.2**	**80.6**
HR 05 THOMPSON									
LHA 024 Kamloops		M	53,438	503	433		2	36.5	75.5
		F	53,708	405	318		3	37.7	80.9
		T	107,146	908	751	601	5	37.1	78.1
Chase	VL	M		24	29		–		
		F		10	11		–		
		T	2,602	34	40	29	–		
Kamloops	C	M		414	345		2		
		F		353	282		2		
		T	82,832	767	627	508	4		
Logan Lake	DM	M		5	10		–		
		F		6	4		–		
		T	2,505	11	14	4	–		
LHA 026 North Thompson		M	2,753	19	14		–	34.8	73.9
		F	2,600	26	12		–	34.6	81.6
		T	5,353	45	26	31	–	34.7	77.8
LHA 029 Lillooet		M	2,594	29	22		–	34.0	73.2
		F	2,392	23	18		1	34.6	79.9
		T	4,986	52	40	40	1	34.3	76.3
Lillooet	DM	M		25	19		–		
		F		20	17		1		
		T	2,987	45	36	36	1		
LHA 030 South Cariboo		M	4,075	28	33		–	38.3	73.9
		F	3,827	26	23		–	38.2	81.7
		T	7,902	54	56	27	–	38.2	77.3
Ashcroft	VL	M		9	11		–		
		F		6	5		–		
		T	1,995	15	16	7	–		
Cache Creek	VL	M		3	9		–		
		F		5	3		–		
		T	1,114	8	12	12	–		
Clinton	VL	M		6	6		–		
		F		2	7		–		
		T	718	8	13	6	–		
Lytton	VL	M		7	5		–		
		F		11	7		–		
		T	318	18	12	2	–		
LHA 031 Merritt		M	6,221	48	57		1	34.7	72.9
		F	6,031	61	40		1	35.7	78.4
		T	12,252	109	97	79	2	35.2	75.5
Merritt	C	M		43	46		1		
		F		54	35		1		
		T	8,075	97	81	52	2		
HR 05 TOTAL		**M**	**69,061**	**627**	**559**		**3**	**36.3**	**75.1**
		F	**68,558**	**541**	**411**		**5**	**37.3**	**80.7**
		T	**137,639**	**1,168**	**970**	**778**	**8**	**36.8**	**77.8**

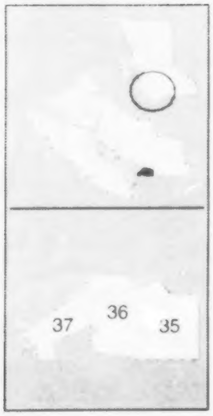


APPENDIX 1 – *continued*

STATISTICAL SUMMARIES BY HEALTH REGION, LOCAL HEALTH AREA AND COMMUNITY

BRITISH COLUMBIA, 2000





Health Region/ Local Health Area/ Community (Incorporated Only)	Type¹	Gender	Population	Live Births	Deaths	Marriages	Stillbirths	Average Age Population	Life Expectancy (1996–2000)
HR 06 FRASER VALLEY									
LHA 032 Hope		M	4,216	52	45		–	38.9	70.6
		F	4,170	38	37		–	39.7	80.6
		T	8,386	90	82	49	–	39.3	75.2
Hope	DM	M		47	36		–		
		F		36	35		–		
		T	6,825	83	71	41	–		
LHA 033 Chilliwack		M	35,840	398	286		3	36.2	75.7
		F	36,705	360	253		1	38.4	81.8
		T	72,545	758	539	394	4	37.3	78.7
Chilliwack	C	M		380	260		3		
		F		342	237		1		
		T	65,421	722	497	372	4		
LHA 034 Abbotsford		M	57,828	799	414		6	34.9	77.6
		F	58,348	748	421		7	37.1	81.9
		T	116,176	1,547	835	528	15	36.0	79.8
Abbotsford	C	M		799	413		6		
		F		748	420		7		
		T	115,126	1,547	833	526	15		
LHA 075 Mission		M	19,315	183	130		2	34.4	76.0
		F	18,526	204	110		3	35.4	79.3
		T	37,841	387	240	217	5	34.9	77.6
Mission	DM	M		160	112		2		
		F		169	102		3		
		T	32,931	329	214	195	5		
LHA 076 Agassiz-Harrison		M	4,563	50	37		1	36.9	72.9
		F	3,664	34	24		–	38.3	82.7
		T	8,227	84	61	106	1	37.5	77.1
Harrison Hot Springs	VL	M		8	6		–		
		F		4	4		–		
		T	1,116	12	10	53	–		
Kent	DM	M		42	31		1		
		F		30	20		–		
		T	5,506	72	51	53	1		
HR 06 TOTAL		**M**	**121,762**	**1,482**	**912**		**12**	**35.4**	**76.3**
		F	**121,413**	**1,384**	**845**		**11**	**37.4**	**81.5**
		T	**243,175**	**2,866**	**1,757**	**1,294**	**25**	**36.4**	**78.9**
HR 07 SOUTH FRASER VALLEY									
LHA 035 Langley		M	56,985	617	359		4	35.7	77.6
		F	58,316	595	358		1	37.1	81.9
		T	115,301	1,212	717	616	5	36.4	79.7
Langley	C	M		153	90		1		
		F		134	104		–		
		T	24,287	287	194	236	1		
Langley	DM	M		464	263		3		
		F		461	252		1		
		T	89,351	925	515	380	4		
LHA 036 Surrey		M	178,434	2,475	1,103		10	35.0	77.7
		F	180,214	2,233	945		10	37.0	83.0
		T	358,648	4,708	2,048	1,565	22	36.0	80.4

APPENDIX 1 – *continued*

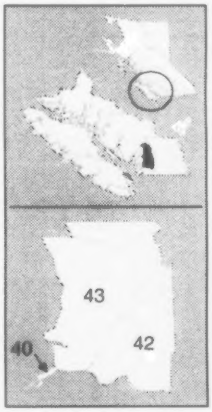
STATISTICAL SUMMARIES BY HEALTH REGION, LOCAL HEALTH AREA AND COMMUNITY

BRITISH COLUMBIA, 2000

Health Region/ Local Health Area/ Community (Incorporated Only)	Type†	Gender	Population	Live Births	Deaths	Marriages	Stillbirths	Average Age Population	Life Expectancy (1996–2000)
Surrey	C	M		2,402	949		9		
		F		2,165	772		10		
		T	340,094	4,567	1,721	1,454	21		
White Rock	C	M		73	154		1		
		F		68	173		–		
		T	17,371	141	327	110	1		
LHA 037 Delta		M	50,763	515	251		5	35.8	79.4
		F	51,207	455	307		2	37.5	82.9
		T	101,970	970	558	328	9	36.6	81.2
Delta	DM	M		510	250		5		
		F		452	307		2		
		T	101,433	962	557	328	9		
HR 07 TOTAL		**M**	**286,182**	**3,607**	**1,713**		**19**	**35.3**	**78.0**
		F	**289,737**	**3,283**	**1,610**		**13**	**37.1**	**82.7**
		T	**575,919**	**6,890**	**3,323**	**2,509**	**36**	**36.2**	**80.4**

HR 08 SIMON FRASER

Health Region/ Local Health Area/ Community (Incorporated Only)	Type†	Gender	Population	Live Births	Deaths	Marriages	Stillbirths	Average Age Population	Life Expectancy (1996–2000)
LHA 040 New Westminster		M	27,183	343	265		4	37.7	74.2
		F	28,096	313	259		2	40.7	81.0
		T	55,279	656	524	349	6	39.2	77.7
New Westminster	C	M		343	265		4		
		F		313	259		2		
		T	54,904	656	524	349	6		
LHA 042 Maple Ridge		M	39,229	419	222		6	34.4	76.2
		F	39,136	440	237		1	36.0	80.5
		T	78,365	859	459	407	7	35.2	78.4
Maple Ridge	DM	M		345	186		5		
		F		359	201		1		
		T	63,138	704	387	315	6		
Pitt Meadows	DM	M		73	35		1		
		F		81	36		–		
		T	14,850	154	71	92	1		
LHA 043 Coquitlam		M	95,473	1,098	425		2	34.3	77.3
		F	96,107	1,056	412		1	36.0	82.2
		T	191,580	2,154	837	637	5	35.2	79.9
Anmore	VL	M		5	4		–		
		F		11	2		–		
		T	1,306	16	6	5	–		
Belcarra	VL	M		4	3		–		
		F		4	–		–		
		T	712	8	3	4	–		
Coquitlam	C	M		623	269		2		
		F		569	248		1		
		T	112,278	1,192	517	371	4		
Port Coquitlam	C	M		318	101		–		
		F		329	105		–		
		T	51,423	647	206	162	1		
Port Moody	C	M		148	48		–		
		F		143	57		–		
		T	23,819	291	105	95	–		
HR 08 TOTAL		**M**	**161,885**	**1,860**	**912**		**12**	**34.9**	**76.4**
		F	**163,339**	**1,809**	**908**		**4**	**36.8**	**81.6**
		T	**325,224**	**3,669**	**1,820**	**1,393**	**18**	**35.9**	**79.1**

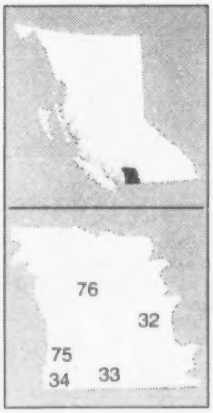


APPENDIX 1 – *continued*

STATISTICAL SUMMARIES BY HEALTH REGION, LOCAL HEALTH AREA AND COMMUNITY

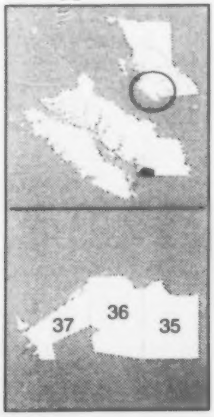
BRITISH COLUMBIA, 2000

HR 06 FRASER VALLEY



Health Region/ Local Health Area/ Community (Incorporated Only)	Type†	Gender	Population	Live Births	Deaths	Marriages	Stillbirths	Average Age Population	Life Expectancy (1996–2000)
LHA 032 Hope		M	4,216	52	45		–	38.9	70.6
		F	4,170	38	37		–	39.7	80.6
		T	8,386	90	82	49	–	39.3	75.2
Hope	DM	M		47	36		–		
		F		36	35		–		
		T	6,825	83	71	41	–		
LHA 033 Chilliwack		M	35,840	398	286		3	36.2	75.7
		F	36,705	360	253		1	38.4	81.8
		T	72,545	758	539	394	4	37.3	78.7
Chilliwack	C	M		380	260		3		
		F		342	237		1		
		T	65,421	722	497	372	4		
LHA 034 Abbotsford		M	57,828	799	414		6	34.9	77.6
		F	58,348	748	421		7	37.1	81.9
		T	116,176	1,547	835	528	15	36.0	79.8
Abbotsford	C	M		799	413		6		
		F		748	420		7		
		T	115,126	1,547	833	526	15		
LHA 075 Mission		M	19,315	183	130		2	34.4	76.0
		F	18,526	204	110		3	35.4	79.3
		T	37,841	387	240	217	5	34.9	77.6
Mission	DM	M		160	112		2		
		F		169	102		3		
		T	32,931	329	214	195	5		
LHA 076 Agassiz-Harrison		M	4,563	50	37		1	36.9	72.9
		F	3,664	34	24		–	38.3	82.7
		T	8,227	84	61	106	1	37.5	77.1
Harrison Hot Springs	VL	M		8	6		–		
		F		4	4		–		
		T	1,116	12	10	53	–		
Kent	DM	M		42	31		1		
		F		30	20		–		
		T	5,506	72	51	53	1		
HR 06 TOTAL		**M**	**121,762**	**1,482**	**912**		**12**	**35.4**	**76.3**
		F	**121,413**	**1,384**	**845**		**11**	**37.4**	**81.5**
		T	**243,175**	**2,866**	**1,757**	**1,294**	**25**	**36.4**	**78.9**

HR 07 SOUTH FRASER VALLEY



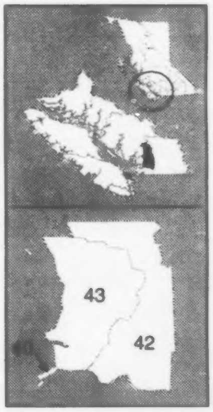
Health Region/ Local Health Area/ Community (Incorporated Only)	Type†	Gender	Population	Live Births	Deaths	Marriages	Stillbirths	Average Age Population	Life Expectancy (1996–2000)
LHA 035 Langley		M	56,985	617	359		4	35.7	77.6
		F	58,316	595	358		1	37.1	81.9
		T	115,301	1,212	717	616	5	36.4	79.7
Langley	C	M		153	90		1		
		F		134	104		–		
		T	24,287	287	194	236	1		
Langley	DM	M		464	263		3		
		F		461	252		1		
		T	89,351	925	515	380	4		
LHA 036 Surrey		M	178,434	2,475	1,103		10	35.0	77.7
		F	180,214	2,233	945		10	37.0	83.0
		T	358,648	4,708	2,048	1,565	22	36.0	80.4

APPENDIX 1 – *continued*

STATISTICAL SUMMARIES BY HEALTH REGION, LOCAL HEALTH AREA AND COMMUNITY

BRITISH COLUMBIA, 2000

Health Region/ Local Health Area/ Community (Incorporated Only)	Type†	Gender	Population	Live Births	Deaths	Marriages	Stillbirths	Average Age Population	Life Expectancy (1996–2000)
Surrey	C	M		2,402	949		9		
		F		2,165	772		10		
		T	340,094	4,567	1,721	1,454	21		
White Rock	C	M		73	154		1		
		F		68	173		–		
		T	17,371	141	327	110	1		
LHA 037 Delta		M	50,763	515	251		5	35.8	79.4
		F	51,207	455	307		2	37.5	82.9
		T	101,970	970	558	328	9	36.6	81.2
Delta	DM	M		510	250		5		
		F		452	307		2		
		T	101,433	962	557	328	9		
HR 07 TOTAL		**M**	**286,182**	**3,607**	**1,713**		**19**	**35.3**	**78.0**
		F	**289,737**	**3,283**	**1,610**		**13**	**37.1**	**82.7**
		T	**575,919**	**6,890**	**3,323**	**2,509**	**36**	**36.2**	**80.4**
HR 08 SIMON FRASER									
LHA 040 New Westminster		M	27,183	343	265		4	37.7	74.2
		F	28,096	313	259		2	40.7	81.0
		T	55,279	656	524	349	6	39.2	77.7
New Westminster	C	M		343	265		4		
		F		313	259		2		
		T	54,904	656	524	349	6		
LHA 042 Maple Ridge		M	39,229	419	222		6	34.4	76.2
		F	39,136	440	237		1	36.0	80.5
		T	78,365	859	459	407	7	35.2	78.4
Maple Ridge	DM	M		345	186		5		
		F		359	201		1		
		T	63,138	704	387	315	6		
Pitt Meadows	DM	M		73	35		1		
		F		81	36		–		
		T	14,850	154	71	92	1		
LHA 043 Coquitlam		M	95,473	1,098	425		2	34.3	77.3
		F	96,107	1,056	412		1	36.0	82.2
		T	191,580	2,154	837	637	5	35.2	79.9
Anmore	VL	M		5	4		–		
		F		11	2		–		
		T	1,306	16	6	5	–		
Belcarra	VL	M		4	3		–		
		F		4	–		–		
		T	712	8	3	4	–		
Coquitlam	C	M		623	269		2		
		F		569	248		1		
		T	112,278	1,192	517	371	4		
Port Coquitlam	C	M		318	101		–		
		F		329	105		–		
		T	51,423	647	206	162	1		
Port Moody	C	M		148	48		–		
		F		143	57		–		
		T	23,819	291	105	95	–		
HR 08 TOTAL		**M**	**161,885**	**1,860**	**912**		**12**	**34.9**	**76.4**
		F	**163,339**	**1,809**	**908**		**4**	**36.8**	**81.6**
		T	**325,224**	**3,669**	**1,820**	**1,393**	**18**	**35.9**	**79.1**

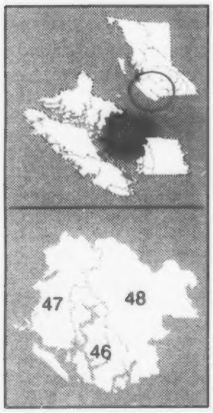


APPENDIX 1 – *continued*

STATISTICAL SUMMARIES BY HEALTH REGION, LOCAL HEALTH AREA AND COMMUNITY

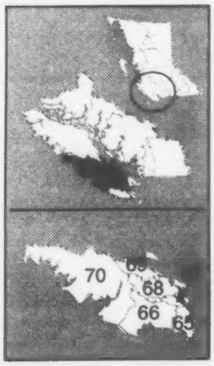
BRITISH COLUMBIA, 2000

HR 09 COAST GARIBALDI



Health Region/ Local Health Area/ Community (Incorporated Only)	Type†	Gender	Population	Live Births	Deaths	Marriages	Stillbirths	Average Age Population	Life Expectancy (1996–2000)
LHA 046 Sunshine Coast		M	13,732	120	138		1	40.0	76.6
		F	14,106	103	98		–	40.9	82.1
		T	27,838	223	236	162	1	40.4	79.3
Gibsons	T	M		34	35		–		
		F		35	23		–		
		T	3,895	69	58	57	–		
Sechelt/ Sechelt Indian Gov. Dist.	DM/ IGD	M		47	65		1		
		F		37	53		–		
		T	9,383	84	118	51	1		
LHA 047 Powell River		M	10,443	75	76		2	38.8	76.3
		F	10,205	96	75		–	40.5	82.3
		T	20,648	171	151	119	3	39.7	79.2
Powell River	DM	M		56	47		1		
		F		67	61		–		
		T	13,837	123	108	77	2		
LHA 048 Howe Sound		M	16,843	202	64		1	32.7	76.3
		F	15,119	199	41		1	32.5	80.8
		T	31,962	401	105	388	3	32.6	78.5
Pemberton	VL	M		26	2		–		
		F		30	–		–		
		T	1,657	56	2	14	–		
Squamish	DM	M		107	47		1		
		F		100	33		1		
		T	15,357	207	80	75	3		
Whistler	DM	M		47	6		–		
		F		47	4		–		
		T	9,683	94	10	281	–		
HR 09 TOTAL		**M**	**41,018**	**397**	**278**		**4**	**36.7**	**76.7**
		F	**39,430**	**398**	**214**		**1**	**37.6**	**82.0**
		T	**80,448**	**795**	**492**	**669**	**7**	**37.1**	**79.2**

HR 10 CENTRAL VANCOUVER ISLAND



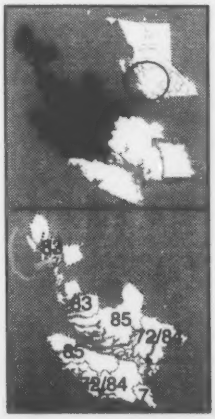
Health Region/ Local Health Area/ Community (Incorporated Only)	Type†	Gender	Population	Live Births	Deaths	Marriages	Stillbirths	Average Age Population	Life Expectancy (1996–2000)
LHA 065 Cowichan		M	26,764	268	191		1	37.5	76.9
		F	27,237	252	188		2	39.0	82.3
		T	54,001	520	379	238	4	38.3	79.5
Duncan	C	M		41	48		–		
		F		38	57		–		
		T	4,766	79	105	54	–		
North Cowichan	DM	M		131	116		1		
		F		119	115		2		
		T	27,612	250	231	98	4		
LHA 066 Lake Cowichan		M	3,395	30	26		–	37.3	78.9
		F	3,192	31	17		–	37.1	87.2
		T	6,587	61	43	21	–	37.2	82.4
Lake Cowichan	T	M		25	19		–		
		F		24	16		–		
		T	3,086	49	35	13	–		
LHA 067 Ladysmith		M	8,056	64	92		–	40.0	74.6
		F	8,245	68	74		–	41.5	80.1
		T	16,301	132	166	78	–	40.8	77.3

APPENDIX 1 – *continued*

STATISTICAL SUMMARIES BY HEALTH REGION, LOCAL HEALTH AREA AND COMMUNITY

BRITISH COLUMBIA, 2000

Health Region/ Local Health Area/ Community (Incorporated Only)	Type †	Gender	Population	Live Births	Deaths	Marriages	Stillbirths	Average Age Population	Life Expectancy (1996–2000)
Ladysmith	T	M		33	37		–		
		F		34	32		–		
		T	6,963	67	69	44	–		
LHA 068 Nanaimo		M	46,650	356	374		1	37.6	76.5
		F	47,983	376	384		1	39.3	81.8
		T	94,633	732	758	415	2	38.5	79.1
Nanaimo	C	M		299	320		1		
		F		317	347		1		
		T	76,645	616	667	328	2		
LHA 069 Qualicum		M	19,897	122	222		1	43.9	77.1
		F	20,728	101	166		3	45.7	82.5
		T	40,625	223	388	246	4	44.8	79.7
Parksville	C	M		44	75		1		
		F		32	63		1		
		T	10,613	76	138	86	2		
Qualicum Beach	T	M		10	56		–		
		F		8	42		–		
		T	7,477	18	98	63	–		
LHA 070 Alberni		M	16,831	160	117		3	36.9	75.0
		F	16,301	140	134		–	37.9	79.0
		T	33,132	300	251	291	4	37.4	77.0
Port Alberni	C	M		100	74		1		
		F		76	98		–		
		T	19,329	176	172	105	2		
Tofino	DM	M		13	3		–		
		F		15	–		–		
		T	1,540	28	3	105	–		
Ucluelet	DM	M		9	9		–		
		F		12	5		–		
		T	1,824	21	14	32	–	–	–
HR 10 TOTAL		**M**	**121,593**	**1,000**	**1,022**		**6**	**38.7**	**76.5**
		F	**123,686**	**968**	**963**		**6**	**40.2**	**81.6**
		T	**245,279**	**1,968**	**1,985**	**1,289**	**14**	**39.4**	**79.0**
HR 11 UPPER ISLAND/CENTRAL COAST									
LHA 071 Courtenay		M	29,984	237	214		3	37.8	76.4
		F	30,591	230	196		–	38.9	82.0
		T	60,575	467	410	312	3	38.4	79.1
Comox	T	M		31	51		–		
		F		36	58		–		
		T	12,252	67	109	77	–		
Courtenay	C	M		115	76		2		
		F		106	55		–		
		T	19,803	221	131	116	2		
Cumberland	VL	M		14	12		–		
		F		16	21		–		
		T	2,718	30	33	7	–		
LHA 072 Campbell River		M	21,664	186	144		–	35.7	76.2
		F	20,727	180	93		–	36.1	80.9
		T	42,391	366	237	222	–	35.9	75.0
Campbell River	DM	M		150	114		–		
		F		148	79		–		
		T	31,253	298	193	174	–		

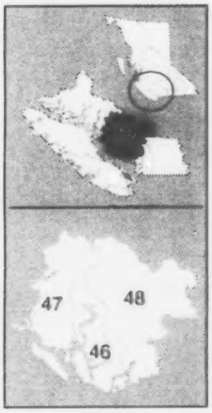


APPENDIX 1 – *continued*

STATISTICAL SUMMARIES BY HEALTH REGION, LOCAL HEALTH AREA AND COMMUNITY

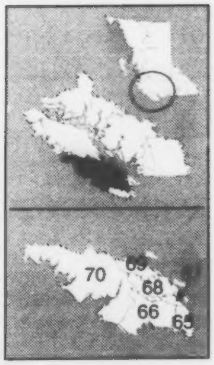
BRITISH COLUMBIA, 2000

HR 09 COAST GARIBALDI



Health Region/ Local Health Area/ Community (Incorporated Only)	Type †	Gender	Population	Live Births	Deaths	Marriages	Stillbirths	Average Age Population	Life Expectancy (1996–2000)
LHA 046 Sunshine Coast		M	13,732	120	138		1	40.0	76.6
		F	14,106	103	98		–	40.9	82.1
		T	27,838	223	236	162	1	40.4	79.3
Gibsons	T	M		34	35		–		
		F		35	23		–		
		T	3,895	69	58	57	–		
Sechelt/ Sechelt Indian Gov. Dist.	DM/ IGD	M		47	65		1		
		F		37	53		–		
		T	9,383	84	118	51	1		
LHA 047 Powell River		M	10,443	75	76		2	38.8	76.3
		F	10,205	96	75		–	40.5	82.3
		T	20,648	171	151	119	3	39.7	79.2
Powell River	DM	M		56	47		1		
		F		67	61		–		
		T	13,837	123	108	77	2		
LHA 048 Howe Sound		M	16,843	202	64		1	32.7	76.3
		F	15,119	199	41		1	32.5	80.8
		T	31,962	401	105	388	3	32.6	78.5
Pemberton	VL	M		26	2		–		
		F		30	–		–		
		T	1,657	56	2	14	–		
Squamish	DM	M		107	47		1		
		F		100	33		1		
		T	15,357	207	80	75	3		
Whistler	DM	M		47	6		–		
		F		47	4		–		
		T	9,683	94	10	281	–		
HR 09 TOTAL		**M**	**41,018**	**397**	**278**		**4**	**36.7**	**76.7**
		F	**39,430**	**398**	**214**		**1**	**37.6**	**82.0**
		T	**80,448**	**795**	**492**	**669**	**7**	**37.1**	**79.2**

HR 10 CENTRAL VANCOUVER ISLAND



Health Region/ Local Health Area/ Community (Incorporated Only)	Type †	Gender	Population	Live Births	Deaths	Marriages	Stillbirths	Average Age Population	Life Expectancy (1996–2000)
LHA 065 Cowichan		M	26,764	268	191		1	37.5	76.9
		F	27,237	252	188		2	39.0	82.3
		T	54,001	520	379	238	4	38.3	79.5
Duncan	C	M		41	48		–		
		F		38	57		–		
		T	4,766	79	105	54	–		
North Cowichan	DM	M		131	116		1		
		F		119	115		2		
		T	27,612	250	231	98	4		
LHA 066 Lake Cowichan		M	3,395	30	26		–	37.3	78.9
		F	3,192	31	17		–	37.1	87.2
		T	6,587	61	43	21	–	37.2	82.4
Lake Cowichan	T	M		25	19		–		
		F		24	16		–		
		T	3,086	49	35	13	–		
LHA 067 Ladysmith		M	8,056	64	92		–	40.0	74.6
		F	8,245	68	74		–	41.5	80.1
		T	16,301	132	166	78	–	40.8	77.3

APPENDIX 1 – *continued*

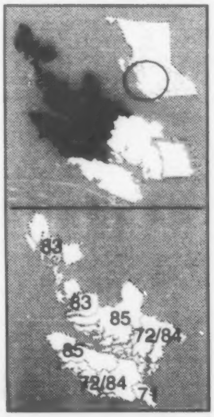
STATISTICAL SUMMARIES BY HEALTH REGION, LOCAL HEALTH AREA AND COMMUNITY

BRITISH COLUMBIA, 2000

Health Region/ Local Health Area/ Community (Incorporated Only)	Type†	Gender	Population	Live Births	Deaths	Marriages	Stillbirths	Average Age Population	Life Expectancy (1996–2000)
Ladysmith	T	M		33	37		–		
		F		34	32		–		
		T	6,963	67	69	44	–		
LHA 068 Nanaimo		M	46,650	356	374		1	37.6	76.5
		F	47,983	376	384		1	39.3	81.8
		T	94,633	732	758	415	2	38.5	79.1
Nanaimo	C	M		299	320		1		
		F		317	347		1		
		T	76,645	616	667	328	2		
LHA 069 Qualicum		M	19,897	122	222		1	43.9	77.1
		F	20,728	101	166		3	45.7	82.5
		T	40,625	223	388	246	4	44.8	79.7
Parksville	C	M		44	75		1		
		F		32	63		1		
		T	10,613	76	138	86	2		
Qualicum Beach	T	M		10	56		–		
		F		8	42		–		
		T	7,477	18	98	63	–		
LHA 070 Alberni		M	16,831	160	117		3	36.9	75.0
		F	16,301	140	134		–	37.9	79.0
		T	33,132	300	251	291	4	37.4	77.0
Port Alberni	C	M		100	74		1		
		F		76	98		–		
		T	19,329	176	172	105	2		
Tofino	DM	M		13	3		–		
		F		15	–		–		
		T	1,540	28	3	105	–		
Ucluelet	DM	M		9	9		–		
		F		12	5		–		
		T	1,824	21	14	32	–	–	–
HR 10 TOTAL		**M**	**121,593**	**1,000**	**1,022**		**6**	**38.7**	**76.5**
		F	**123,686**	**968**	**963**		**6**	**40.2**	**81.6**
		T	**245,279**	**1,968**	**1,985**	**1,289**	**14**	**39.4**	**79.0**

HR 11 UPPER ISLAND/CENTRAL COAST

Health Region/ Local Health Area/ Community (Incorporated Only)	Type†	Gender	Population	Live Births	Deaths	Marriages	Stillbirths	Average Age Population	Life Expectancy (1996–2000)
LHA 071 Courtenay		M	29,984	237	214		3	37.8	76.4
		F	30,591	230	196		–	38.9	82.0
		T	60,575	467	410	312	3	38.4	79.1
Comox	T	M		31	51		–		
		F		36	58		–		
		T	12,252	67	109	77	–		
Courtenay	C	M		115	76		2		
		F		106	55		–		
		T	19,803	221	131	116	2		
Cumberland	VL	M		14	12		–		
		F		16	21		–		
		T	2,718	30	33	7	–		
LHA 072 Campbell River		M	21,664	186	144		–	35.7	76.2
		F	20,727	180	93		–	36.1	80.9
		T	42,391	366	237	222	–	35.9	75.0
Campbell River	DM	M		150	114		–		
		F		148	79		–		
		T	31,253	298	193	174	–		



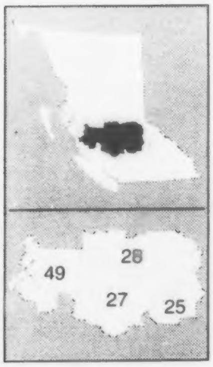
APPENDIX 1 – *continued*

STATISTICAL SUMMARIES BY HEALTH REGION, LOCAL HEALTH AREA AND COMMUNITY

BRITISH COLUMBIA, 2000

Health Region/ Local Health Area/ Community (Incorporated Only)	Type †	Gender	Population	Live Births	Deaths	Marriages	Stillbirths	Average Age Population	Life Expectancy (1996–2000)
Sayward	VL	M		5	5		–		
		F		5	1		–		
		T	432	10	6	3	–		
LHA 083 Central Coast		M	1,086	10	8		–	32.8	69.5
		F	964	12	7		–	32.0	71.9
		T	2,050	22	15	21	–	32.4	70.7
LHA 084 Vancouver Island West		M	1,280	16	11		–	31.8	73.5
		F	992	17	2		1	29.2	69.0
		T	2,272	33	13	5	1	30.7	77.1
Gold River	VL	M		14	8		–		
		F		12	1		–		
		T	1,786	26	9	3	–		
Tahsis	VL	M		–	–		–		
		F		1	–		–		
		T	896	1	–	1	–		
Zeballos	VL	M		2	3		–		
		F		–	1		1		
		T	274	2	4	1	1		
LHA 085 Vancouver Island North		M	8,191	77	41		2	33.3	75.1
		F	7,330	100	31		–	31.8	79.2
		T	15,521	177	72	59	3	32.6	77.0
Alert Bay	VL	M		10	8		–		
		F		11	5		–		
		T	556	21	13	7	–		
Port Alice	VL	M		3	1		–		
		F		5	2		–		
		T	1,248	8	3	4	–		
Port Hardy	DM	M		36	21		1		
		F		49	13		–		
		T	5,228	85	34	27	1		
Port McNeill	T	M		18	3		1		
		F		19	4		–		
		T	3,081	37	7	13	2		
HR 11 TOTAL		**M**	**62,205**	**526**	**418**		**5**	**36.2**	**76.0**
		F	**60,604**	**539**	**329**		**1**	**36.8**	**81.3**
		T	**122,809**	**1,065**	**747**	**619**	**7**	**36.5**	**78.6**

HR 12 CARIBOO



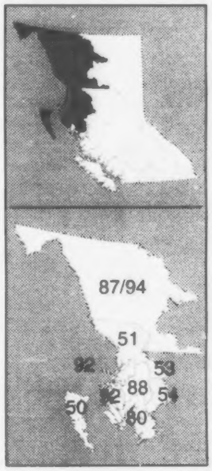
Health Region/ Local Health Area/ Community (Incorporated Only)	Type †	Gender	Population	Live Births	Deaths	Marriages	Stillbirths	Average Age Population	Life Expectancy (1996–2000)
LHA 025 100 Mile House		M	8,399	73	56		–	38.2	75.5
		F	8,133	54	50		–	37.9	79.6
		T	16,532	127	106	97	–	38.1	77.4
100 Mile House	DM	M		53	35		–		
		F		44	37		–		
		T	2,041	97	72	54	–		
LHA 027 Cariboo-Chilcotin		M	15,216	149	71		–	33.9	74.5
		F	14,279	171	60		1	34.2	79.9
		T	29,495	320	131	147	1	34.1	77.0
Williams Lake	C	M		65	41		–		
		F		70	38		–		
		T	12,101	135	79	92	–		
LHA 028 Quesnel		M	14,070	128	87		–	34.6	75.6
		F	13,566	104	67		–	34.6	80.4
		T	27,636	232	154	123	–	34.6	77.8

APPENDIX 1 – *continued*

# STATISTICAL SUMMARIES BY HEALTH REGION, LOCAL HEALTH AREA AND COMMUNITY

BRITISH COLUMBIA, 2000

Health Region/ Local Health Area/ Community (Incorporated Only)	Type †	Gender	Population	Live Births	Deaths	Marriages	Stillbirths	Average Age Population	Life Expectancy (1996–2000)
Quesnel	C	M		59	56		–		
		F		44	46		–		
		T	10,794	103	102	67	–		
Wells	DM	M		–	1		–		
		F		1	–		–		
		T	265	1	1	–	–		
LHA 049 Bella Coola Valley		M	1,851	26	15		–	32.5	70.5
		F	1,674	18	3		1	33.2	78.3
		T	3,525	44	18	21	1	32.8	74.2
HR 12 TOTAL		**M**	**39,536**	**376**	**229**		**–**	**35.0**	**75.0**
		F	**37,652**	**347**	**180**		**2**	**35.1**	**79.9**
		T	**77,188**	**723**	**409**	**388**	**2**	**35.0**	**77.3**
HR 13 NORTH WEST									
LHA 050 Queen Charlotte		M	3,141	28	11		2	33.7	74.8
		F	2,665	45	15		–	34.2	77.5
		T	5,806	73	26	19	3	33.9	75.4
Masset	VL	M		6	3		2		
		F		18	8		–		
		T	1,266	24	11	8	3		
Port Clements	VL	M		1	2		–		
		F		2	1		–		
		T	567	3	3	–	–		
LHA 051 Snow Country		M	392	3	6		–	36.5	62.1
		F	355	7	3		–	34.0	74.1
		T	747	10	9	2	–	35.3	78.0
Stewart	DM	M		3	5		–		
		F		7	3		–		
		T	700	10	8	2	–		
LHA 052 Prince Rupert		M	9,676	115	57		–	32.4	74.2
		F	9,162	97	39		–	32.5	81.3
		T	18,838	212	96	81	–	32.5	77.4
Port Edward	DM	M		8	2		–		
		F		3			–		
		T	761	11	2	1	–		
Prince Rupert	C	M		102	53		–		
		F		88	37		–		
		T	17,027	190	90	76	–		
LHA 053 Upper Skeena		M	3,253	33	24		–	31.1	76.1
		F	2,874	37	10		–	30.4	80.7
		T	6,127	70	34	23	–	30.8	78.0
Hazelton	VL	M		22	14		–		
		F		26	10		–		
		T	359	48	24	13	–		
New Hazelton	DM	M		7	7		–		
		F		8			–		
		T	865	15	7	6	–		
LHA 054 Smithers		M	9,847	149	37		2	32.2	76.7
		F	9,090	119	43		2	32.3	81.2
		T	18,937	268	80	102	4	32.3	78.9
Houston	DM	M		34	8		1		
		F		28	15		1		
		T	4,206	62	23	21	2		

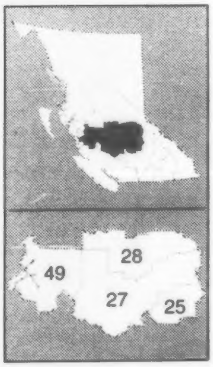


APPENDIX 1 – *continued*

STATISTICAL SUMMARIES BY HEALTH REGION, LOCAL HEALTH AREA AND COMMUNITY

BRITISH COLUMBIA, 2000

Health Region/ Local Health Area/ Community (Incorporated Only)	Type †	Gender	Population	Live Births	Deaths	Marriages	Stillbirths	Average Age Population	Life Expectancy (1996–2000)
Sayward	VL	M		5	5		–		
		F		5	1		–		
		T	432	10	6	3	–		
LHA 083 Central Coast		M	1,086	10	8		–	32.8	69.5
		F	964	12	7		–	32.0	71.9
		T	2,050	22	15	21	–	32.4	70.7
LHA 084 Vancouver Island West		M	1,280	16	11		–	31.8	73.5
		F	992	17	2		1	29.2	69.0
		T	2,272	33	13	5	1	30.7	77.1
Gold River	VL	M		14	8		–		
		F		12	1		–		
		T	1,786	26	9	3	–		
Tahsis	VL	M		–	–		–		
		F		1	–		–		
		T	896	1	–	1	–		
Zeballos	VL	M		2	3		–		
		F		–	1		1		
		T	274	2	4	1	1		
LHA 085 Vancouver Island North		M	8,191	77	41		2	33.3	75.1
		F	7,330	100	31		–	31.8	79.2
		T	15,521	177	72	59	3	32.6	77.0
Alert Bay	VL	M		10	8		–		
		F		11	5		–		
		T	556	21	13	7	–		
Port Alice	VL	M		3	1		–		
		F		5	2		–		
		T	1,248	8	3	4	–		
Port Hardy	DM	M		36	21		1		
		F		49	13		–		
		T	5,228	85	34	27	1		
Port McNeill	T	M		18	3		1		
		F		19	4		–		
		T	3,081	37	7	13	2		
HR 11 TOTAL		**M**	**62,205**	**526**	**418**		**5**	**36.2**	**76.0**
		F	**60,604**	**539**	**329**		**1**	**36.8**	**81.3**
		T	**122,809**	**1,065**	**747**	**619**	**7**	**36.5**	**78.6**
HR 12 CARIBOO									
LHA 025 100 Mile House		M	8,399	73	56		–	38.2	75.5
		F	8,133	54	50		–	37.9	79.6
		T	16,532	127	106	97	–	38.1	77.4
100 Mile House	DM	M		53	35		–		
		F		44	37		–		
		T	2,041	97	72	54	–		
LHA 027 Cariboo-Chilcotin		M	15,216	149	71		–	33.9	74.5
		F	14,279	171	60		1	34.2	79.9
		T	29,495	320	131	147	1	34.1	77.0
Williams Lake	C	M		65	41		–		
		F		70	38		–		
		T	12,101	135	79	92	–		
LHA 028 Quesnel		M	14,070	128	87		–	34.6	75.6
		F	13,566	104	67		–	34.6	80.4
		T	27,636	232	154	123	–	34.6	77.8



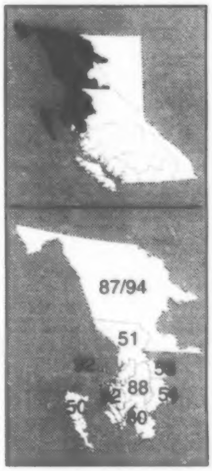
APPENDIX 1 – *continued*

STATISTICAL SUMMARIES BY HEALTH REGION, LOCAL HEALTH AREA AND COMMUNITY

BRITISH COLUMBIA, 2000

Health Region/ Local Health Area/ Community (Incorporated Only)	Type †	Gender	Population	Live Births	Deaths	Marriages	Stillbirths	Average Age Population	Life Expectancy (1996–2000)
Quesnel	C	M		59	56		–		
		F		44	46		–		
		T	10,794	103	102	67	–		
Wells	DM	M		–	1		–		
		F		1	–		–		
		T	265	1	1	–	–		
LHA 049 Bella Coola Valley		M	1,851	26	15		–	32.5	70.5
		F	1,674	18	3		1	33.2	78.3
		T	3,525	44	18	21	1	32.8	74.2
HR 12 TOTAL		**M**	**39,536**	**376**	**229**		**–**	**35.0**	**75.0**
		F	**37,652**	**347**	**180**		**2**	**35.1**	**79.9**
		T	**77,188**	**723**	**409**	**388**	**2**	**35.0**	**77.3**

HR 13 NORTH WEST



Health Region/ Local Health Area/ Community (Incorporated Only)	Type †	Gender	Population	Live Births	Deaths	Marriages	Stillbirths	Average Age Population	Life Expectancy (1996–2000)
LHA 050 Queen Charlotte		M	3,141	28	11		2	33.7	74.8
		F	2,665	45	15		–	34.2	77.5
		T	5,806	73	26	19	3	33.9	75.4
Masset	VL	M		6	3		2		
		F		18	8		–		
		T	1,266	24	11	8	3		
Port Clements	VL	M		1	2		–		
		F		2	1		–		
		T	567	3	3	–	–		
LHA 051 Snow Country		M	392	3	6		–	36.5	62.1
		F	355	7	3		–	34.0	74.1
		T	747	10	9	2	–	35.3	78.0
Stewart	DM	M		3	5		–		
		F		7	3		–		
		T	700	10	8	2	–		
LHA 052 Prince Rupert		M	9,676	115	57		–	32.4	74.2
		F	9,162	97	39		–	32.5	81.3
		T	18,838	212	96	81	–	32.5	77.4
Port Edward	DM	M		8	2		–		
		F		3			–		
		T	761	11	2	1	–		
Prince Rupert	C	M		102	53		–		
		F		88	37		–		
		T	17,027	190	90	76	–		
LHA 053 Upper Skeena		M	3,253	33	24		–	31.1	76.1
		F	2,874	37	10		–	30.4	80.7
		T	6,127	70	34	23	–	30.8	78.0
Hazelton	VL	M		22	14		–		
		F		26	10		–		
		T	359	48	24	13	–		
New Hazelton	DM	M		7	7		–		
		F		8			–		
		T	865	15	7	6	–		
LHA 054 Smithers		M	9,847	149	37		2	32.2	76.7
		F	9,090	119	43		2	32.3	81.2
		T	18,937	268	80	102	4	32.3	78.9
Houston	DM	M		34	8		1		
		F		28	15		1		
		T	4,206	62	23	21	2		

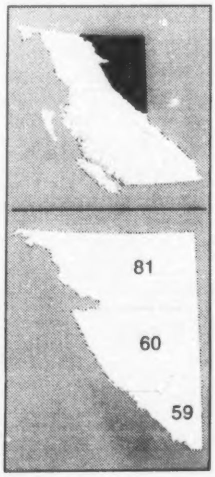
APPENDIX 1 – *continued*

STATISTICAL SUMMARIES BY HEALTH REGION, LOCAL HEALTH AREA AND COMMUNITY

BRITISH COLUMBIA, 2000

Health Region/ Local Health Area/ Community (Incorporated Only)	Type†	Gender	Population	Live Births	Deaths	Marriages	Stillbirths	Average Age Population	Life Expectancy (1996–2000)
Smithers	T	M		96	25		1		
		F		69	24		1		
		T	6,139	165	49	65	2		
Telkwa	VL	M		18	4		–		
		F		21	4		–		
		T	1,417	39	8	16	–		
LHA 080 Kitimat		M	6,756	68	27		–	33.5	76.2
		F	6,284	56	17		1	33.7	82.0
		T	13,040	124	44	44	1	33.6	78.7
Kitimat	DM	M		61	24		–		
		F		50	16		1		
		T	11,533	111	40	44	1		
LHA 087 Stikine		M	706	6	2		–	35.6	78.3
		F	650	7	2		–	34.5	82.3
		T	1,356	13	4	13	–	35.1	85.0
LHA 088 Terrace		M	12,441	153	53		1	32.0	75.1
		F	11,652	135	46		2	31.8	79.9
		T	24,093	288	99	104	4	31.9	77.3
Terrace	C	M		99	36		1		
		F		82	38		2		
		T	13,871	181	74	71	3		
LHA 092 Nisga'a		M	1,276	24	3		–	30.3	70.7
		F	1,095	14	5		–	30.2	75.6
		T	2,371	38	8	12	–	30.3	72.9
LHA 094 Telegraph Creek		M	347	4	1		–	29.4	69.9
		F	297	7	1		–	29.8	69.2
		T	644	11	2	5	–	29.6	71.0
HR 13 TOTAL		**M**	**47,835**	**583**	**221**		**5**	**32.4**	**75.3**
		F	**44,124**	**524**	**181**		**5**	**32.4**	**80.4**
		T	**91,959**	**1,107**	**402**	**405**	**12**	**32.4**	**77.6**

HR 14 PEACE LIARD



Health Region/ Local Health Area/ Community (Incorporated Only)	Type†	Gender	Population	Live Births	Deaths	Marriages	Stillbirths	Average Age Population	Life Expectancy (1996–2000)
LHA 059 Peace River South		M	14,593	145	97		–	32.9	75.7
		F	13,762	148	69		3	33.1	81.2
		T	28,355	293	166	140	3	33.0	78.3
Chetwynd	DM	M		29	10		–		
		F		38	4		–		
		T	3,005	67	14	31	–		
Dawson Creek	C	M		88	50		–		
		F		84	29		3		
		T	11,715	172	79	75	3		
Pouce Coupe	VL	M		4	17		–		
		F		7	25		–		
		T	912	11	42	6	–		
Tumbler Ridge	DM	M		7	5		–		
		F		7	3		–		
		T	2,331	14	8	10	–		
LHA 060 Peace River North		M	16,066	244	61		–	31.4	76.0
		F	15,126	276	38		3	31.4	82.7
		T	31,192	520	99	183	3	31.4	79.0

FJ

APPENDIX 1 – *continued*

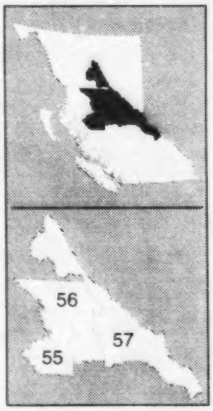
STATISTICAL SUMMARIES BY HEALTH REGION, LOCAL HEALTH AREA AND COMMUNITY

BRITISH COLUMBIA, 2000

Health Region/ Local Health Area/ Community (Incorporated Only)	Type †	Gender	Population	Live Births	Deaths	Marriages	Stillbirths	Average Age Population	Life Expectancy (1996–2000)
Fort St. John	C	M		146	43		–		
		F		169	29		2		
		T	16,842	315	72	116	2		
Hudson's Hope	DM	M		3	1		–		
		F		7	1		–		
		T	1,134	10	2	7	–		
Taylor	DM	M		16	4		–		
		F		9	2		–		
		T	1,258	25	6	10	–		
LHA 081 Fort Nelson		M	3,526	45	8		1	29.2	74.8
		F	3,181	34	9		–	28.9	75.9
		T	6,707	79	17	31	1	29.0	75.8
Fort Nelson	T	M		43	8		1		
		F		34	9		–		
		T	4,732	77	17	29	1		
HR 14 TOTAL		**M**	**34,185**	**434**	**166**		**1**	**31.8**	**75.8**
		F	**32,069**	**458**	**116**		**6**	**31.9**	**81.5**
		T	**66,254**	**892**	**282**	**354**	**7**	**31.9**	**78.4**

HR 15 NORTHERN INTERIOR

Health Region/ Local Health Area/ Community (Incorporated Only)	Type †	Gender	Population	Live Births	Deaths	Marriages	Stillbirths	Average Age Population	Life Expectancy (1996–2000)
LHA 055 Burns Lake		M	4,131	57	19		–	34.2	74.4
		F	3,861	43	16		–	33.8	80.3
		T	7,992	100	35	44	–	34.0	77.1
Burns Lake	VL	M		51	17		–		
		F		37	14		–		
		T	1,892	88	31	36	–		
Granisle	VL	M		3	2		–		
		F		1	1		–		
		T	433	4	3	5	–		
LHA 056 Nechako		M	9,733	93	68		–	32.4	74.4
		F	8,918	126	41		4	32.4	80.3
		T	18,651	219	109	91	4	32.4	77.1
Fort St. James	DM	M		31	25		–		
		F		47	11		2		
		T	2,130	78	36	29	2		
Fraser Lake	VL	M		13	8		–		
		F		8	2		1		
		T	1,328	21	10	9	1		
Vanderhoof	DM	M		41	27		–		
		F		63	26		1		
		T	4,830	104	53	45	1		
LHA 057 Prince George		M	55,108	539	256		4	33.1	74.7
		F	52,330	560	186		2	33.2	80.1
		T	107,438	1,099	442	486	7	33.2	77.2
Mackenzie	DM	M		32	9		1		
		F		23	5		–		
		T	6,275	55	14	19	1		
McBride	VL	M		11	2		–		
		F		8	3		–		
		T	769	19	5	15	–		
Prince George	C	M		448	205		1		
		F		474	162		–		
		T	81,326	922	367	407	2		



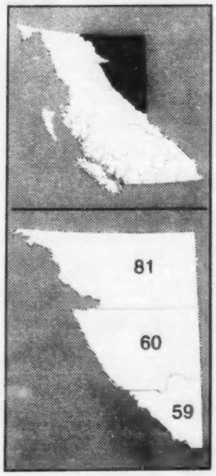
APPENDIX 1 – *continued*

STATISTICAL SUMMARIES BY HEALTH REGION, LOCAL HEALTH AREA AND COMMUNITY

BRITISH COLUMBIA, 2000

Health Region/ Local Health Area/ Community (Incorporated Only)	Type†	Gender	Population	Live Births	Deaths	Marriages	Stillbirths	Average Age Population	Life Expectancy (1996–2000)
Smithers	T	M		96	25		1		
		F		69	24		1		
		T	6,139	165	49	65	2		
Telkwa	VL	M		18	4		–		
		F		21	4		–		
		T	1,417	39	8	16	–		
LHA 080 Kitimat		**M**	**6,756**	**68**	**28**		**–**	**33.5**	**76.2**
		F	**6,284**	**56**	**17**		**1**	**33.7**	**82.0**
		T	**13,040**	**124**	**~~45~~**	**44**	**1**	**33.6**	**78.7**
Kitimat	DM	M		61	24		–		
		F		50	16		1		
		T	11,533	111	40	44	1		
LHA 087 Stikine		**M**	**706**	**6**	**2**		**–**	**35.6**	**78.3**
		F	**650**	**7**	**2**		**–**	**34.5**	**82.3**
		T	**1,356**	**13**	**4**	**13**	**–**	**35.1**	**85.0**
LHA 088 Terrace		**M**	**12,441**	**153**	**53**		**1**	**32.0**	**75.1**
		F	**11,652**	**135**	**46**		**2**	**31.8**	**79.9**
		T	**24,093**	**288**	**99**	**104**	**4**	**31.9**	**77.3**
Terrace	C	M		99	36		1		
		F		82	38		2		
		T	13,871	181	74	71	3		
LHA 092 Nisga'a		**M**	**1,276**	**24**	**3**		**–**	**30.3**	**70.7**
		F	**1,095**	**14**	**5**		**–**	**30.2**	**75.6**
		T	**2,371**	**38**	**8**	**12**	**–**	**30.3**	**72.9**
LHA 094 Telegraph Creek		**M**	**347**	**4**	**1**		**–**	**29.4**	**69.9**
		F	**297**	**7**	**1**		**–**	**29.8**	**69.2**
		T	**644**	**11**	**2**	**5**	**–**	**29.6**	**71.0**
HR 13 TOTAL		**M**	**47,835**	**583**	**221**		**5**	**32.4**	**75.3**
		F	**44,124**	**524**	**181**		**5**	**32.4**	**80.4**
		T	**91,959**	**1,107**	**402**	**405**	**12**	**32.4**	**77.6**

HR 14 PEACE LIARD



Health Region/ Local Health Area/ Community (Incorporated Only)	Type†	Gender	Population	Live Births	Deaths	Marriages	Stillbirths	Average Age Population	Life Expectancy (1996–2000)
LHA 059 Peace River South		**M**	**14,593**	**145**	**97**		**–**	**32.9**	**75.7**
		F	**13,762**	**148**	**69**		**3**	**33.1**	**81.2**
		T	**28,355**	**293**	**166**	**140**	**3**	**33.0**	**78.3**
Chetwynd	DM	M		29	10		–		
		F		38	4		–		
		T	3,005	67	14	31	–		
Dawson Creek	C	M		88	50		–		
		F		84	29		3		
		T	11,715	172	79	75	3		
Pouce Coupe	VL	M		4	17		–		
		F		7	25		–		
		T	912	11	42	6	–		
Tumbler Ridge	DM	M		7	5		–		
		F		7	3		–		
		T	2,331	14	8	10	–		
LHA 060 Peace River North		**M**	**16,066**	**244**	**61**		**–**	**31.4**	**76.0**
		F	**15,126**	**276**	**38**		**3**	**31.4**	**82.7**
		T	**31,192**	**520**	**99**	**183**	**3**	**31.4**	**79.0**

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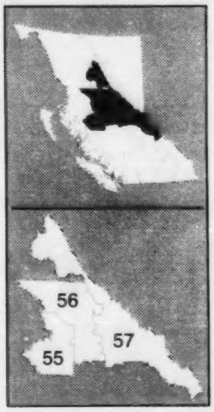
APPENDIX 1 – *continued*

STATISTICAL SUMMARIES BY HEALTH REGION, LOCAL HEALTH AREA AND COMMUNITY

BRITISH COLUMBIA, 2000

Health Region/ Local Health Area/ Community (Incorporated Only)	Type†	Gender	Population	Live Births	Deaths	Marriages	Stillbirths	Average Age Population	Life Expectancy (1996–2000)
Fort St. John	C	M		146	43		–		
		F		169	29		2		
		T	16,842	315	72	116	2		
Hudson's Hope	DM	M		3	1		–		
		F		7	1		–		
		T	1,134	10	2	7	–		
Taylor	DM	M		16	4		–		
		F		9	2		–		
		T	1,258	25	6	10	–		
LHA 081 Fort Nelson		M	3,526	45	8		1	29.2	74.8
		F	3,181	34	9		–	28.9	75.9
		T	6,707	79	17	31	1	29.0	75.8
Fort Nelson	T	M		43	8		1		
		F		34	9		–		
		T	4,732	77	17	29	1		
HR 14 TOTAL		**M**	**34,185**	**434**	**166**		**1**	**31.8**	**75.8**
		F	**32,069**	**458**	**116**		**6**	**31.9**	**81.5**
		T	**66,254**	**892**	**282**	**354**	**7**	**31.9**	**78.4**

HR 15 NORTHERN INTERIOR

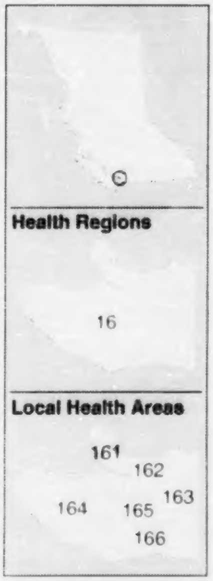


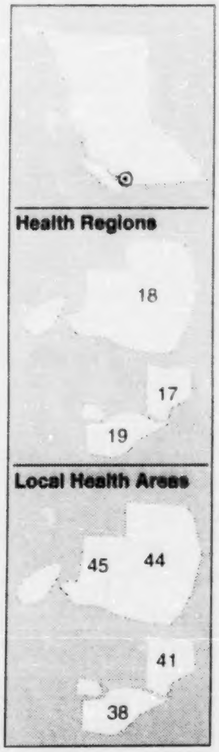
Health Region/ Local Health Area/ Community (Incorporated Only)	Type†	Gender	Population	Live Births	Deaths	Marriages	Stillbirths	Average Age Population	Life Expectancy (1996–2000)
LHA 055 Burns Lake		M	4,131	57	19		–	34.2	74.4
		F	3,861	43	16		–	33.8	80.3
		T	7,992	100	35	44	–	34.0	77.1
Burns Lake	VL	M		51	17		–		
		F		37	14		–		
		T	1,892	88	31	36	–		
Granisle	VL	M		3	2		–		
		F		1	1		–		
		T	433	4	3	5	–		
LHA 056 Nechako		M	9,733	93	68		–	32.4	74.4
		F	8,918	126	41		4	32.4	80.3
		T	18,651	219	109	91	4	32.4	77.1
Fort St. James	DM	M		31	25		–		
		F		47	11		2		
		T	2,130	78	36	29	2		
Fraser Lake	VL	M		13	8		–		
		F		8	2		1		
		T	1,328	21	10	9	1		
Vanderhoof	DM	M		41	27		–		
		F		63	26		1		
		T	4,830	104	53	45	1		
LHA 057 Prince George		M	55,108	539	256		4	33.1	74.7
		F	52,330	560	186		2	33.2	80.1
		T	107,438	1,099	442	486	7	33.2	77.2
Mackenzie	DM	M		32	9		1		
		F		23	5		–		
		T	6,275	55	14	19	1		
McBride	VL	M		11	2		–		
		F		8	3		–		
		T	769	19	5	15	–		
Prince George	C	M		448	205		1		
		F		474	162		–		
		T	81,326	922	367	407	2		

APPENDIX 1 – *continued*

STATISTICAL SUMMARIES BY HEALTH REGION, LOCAL HEALTH AREA AND COMMUNITY

BRITISH COLUMBIA, 2000





Health Region/ Local Health Area/ Community (Incorporated Only)	Type[1]	Gender	Population	Live Births	Deaths	Marriages	Stillbirths	Average Age Population	Life Expectancy (1996–2000)
Valemount	VL	M		4	3		–		
		F		1	2		–		
		T	1,356	5	5	6	–		
HR 15 TOTAL		**M**	**68,972**	**689**	**343**		**4**	**33.1**	**74.7**
		F	**65,109**	**729**	**243**		**6**	**33.1**	**80.1**
		T	**134,081**	**1,418**	**586**	**621**	**11**	**33.1**	**77.2**
HR 16 VANCOUVER									
LHA 161 Vancouver City Centre		M	49,490	379	327		5	37.4	73.2
		F	48,627	367	298		2	38.8	82.4
		T	98,117	746	625	936	8	38.1	77.6
162 Vancouver Downtown East Side		M	29,154	250	342		3	39.2	65.8
		F	24,174	235	164		5	39.4	78.1
		T	53,328	485	506	340	9	39.3	70.4
163 Vancouver North East		M	47,591	599	311		4	36.2	77.7
		F	48,253	539	273		5	38.0	83.0
		T	95,844	1,138	584	516	12	37.1	80.4
164 Vancouver West Side		M	58,599	518	329		4	37.0	79.9
		F	64,790	498	436		3	39.5	84.6
		T	123,389	1,016	765	1,135	7	38.3	82.5
165 Vancouver Midtown		M	42,679	554	296		3	36.1	75.6
		F	43,596	565	225		3	38.0	82.1
		T	86,275	1,119	521	382	8	37.1	78.9
166 Vancouver South		M	57,482	661	393		5	37.1	78.3
		F	61,309	606	424		3	39.8	82.9
		T	118,791	1,267	817	424	10	38.5	80.7
HR 16 TOTAL		**M**	**284,995**	**2,961**	**1,999**		**24**	**37.0**	**75.5**
		F	**290,749**	**2,811**	**1,820**		**21**	**39.0**	**82.6**
		T	**575,744**	**5,772**	**3,819**	**3,733**	**54**	**38.0**	**79.0**
HR 17 BURNABY									
LHA 041 Burnaby		M	94,945	1,056	638		5	37.2	77.0
		F	97,425	982	677		9	39.5	82.9
		T	192,370	2,038	1,315	923	15	38.4	80.0
Burnaby	C	M		1,056	638		5		
		F		982	677		9		
		T	192,389	2,038	1,315	923	15		
HR 17 TOTAL		**M**	**94,945**	**1,056**	**638**		**5**	**37.2**	**77.0**
		F	**97,425**	**982**	**677**		**9**	**39.5**	**82.9**
		T	**192,370**	**2,038**	**1,315**	**923**	**15**	**38.4**	**80.0**
HR 18 NORTH SHORE									
LHA 044 North Vancouver		M	63,651	710	381		4	37.0	78.5
		F	67,301	621	423		3	39.1	82.5
		T	130,952	1,331	804	513	9	38.1	80.6
North Vancouver	C	M		276	150		1		
		F		234	162		2		
		T	44,944	510	312	177	3		
North Vancouver	DM	M		430	228		3		
		F		382	258		1		
		T	85,812	812	486	333	6		

APPENDIX 1 – *continued*

STATISTICAL SUMMARIES BY HEALTH REGION, LOCAL HEALTH AREA AND COMMUNITY

BRITISH COLUMBIA, 2000

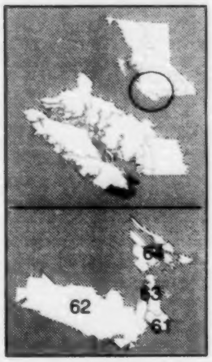
Health Region/ Local Health Area/ Community (Incorporated Only)	Type †	Gender	Population	Live Births	Deaths	Marriages	Stillbirths	Average Age Population	Life Expectancy (1996–2000)
LHA 045 West Vancouver-Bowen Is.		**M**	**23,377**	**149**	**209**		**1**	**42.4**	**80.2**
		F	**26,103**	**158**	**238**		**–**	**45.0**	**84.7**
		T	**49,480**	**307**	**447**	**380**	**3**	**43.8**	**82.6**
Bowen Island	IM	M		13	7		–		
		F		11	6		–		
		T	3,167	24	13	23	–		
Lions Bay	VL	M		6	2		–		
		F		11	2		–		
		T	1,498	17	4	33	–		
West Vancouver	DM	M		124	192		1		
		F		125	221		–		
		T	42,449	249	413	322	3		
HR 18 TOTAL		**M**	**87,028**	**859**	**590**		**5**	**38.5**	**79.1**
		F	**93,404**	**779**	**661**		**3**	**40.8**	**83.2**
		T	**180,432**	**1,638**	**1,251**	**893**	**12**	**39.6**	**81.3**

HR 19 RICHOND

LHA 038 Richmond		M	81,102	812	398		5	36.4	78.7
		F	85,016	767	409		2	38.8	84.1
		T	166,118	1,579	807	980	9	37.6	81.5
Richmond	C	M		812	398		5		
		F		767	409		2		
		T	165,133	1,579	807	980	9		
HR 19 TOTAL		**M**	**81,102**	**812**	**398**		**5**	**36.4**	**78.7**
		F	**85,016**	**767**	**409**		**2**	**38.8**	**84.1**
		T	**166,118**	**1,579**	**807**	**980**	**9**	**37.6**	**81.5**

HR 20 CAPITAL

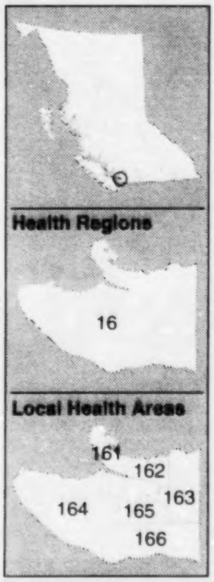
LHA 061 Greater Victoria		M	96,950	822	981		6	39.3	77.0
		F	108,000	849	1,190		1	43.0	81.8
		T	204,950	1,671	2,171	1,327	9	41.3	79.6
Esquimalt	DM	M		85	70		3		
		F		69	66		–		
		T	16,400	154	136	135	3		
Oak Bay	DM	M		60	109		–		
		F		48	122		–		
		T	17,664	108	231	94	–		
Saanich	DM	M		383	394		–		
		F		421	383		1		
		T	106,814	804	777	398	1		
Victoria	C	M		296	475		3		
		F		325	668		–		
		T	74,996	621	1,143	758	5		
View Royal	T	M		38	25		–		
		F		29	20		–		
		T	7,587	67	45	56	–		
LHA 062 Sooke		**M**	**27,639**	**279**	**130**		**1**	**35.2**	**78.1**
		F	**27,195**	**284**	**138**		**1**	**36.3**	**81.4**
		T	**54,834**	**563**	**268**	**353**	**2**	**35.7**	**79.8**
Colwood	C	M		71	48		1		
		F		69	68		–		
		T	14,655	140	116	99	1		



APPENDIX 1 – *continued*

STATISTICAL SUMMARIES BY HEALTH REGION, LOCAL HEALTH AREA AND COMMUNITY

BRITISH COLUMBIA, 2000



Health Region/ Local Health Area/ Community (Incorporated Only)	Type†	Gender	Population	Live Births	Deaths	Marriages	Stillbirths	Average Age Population	Life Expectancy (1996–2000)
Valemount	VL	M		4	3		–		
		F		1	2		–		
		T	1,356	5	5	6	–		
HR 15 TOTAL		**M**	**68,972**	**689**	**343**		**4**	**33.1**	**74.7**
		F	**65,109**	**729**	**243**		**6**	**33.1**	**80.1**
		T	**134,081**	**1,418**	**586**	**621**	**11**	**33.1**	**77.2**

HR 16 VANCOUVER

Health Region/ Local Health Area/ Community (Incorporated Only)	Type†	Gender	Population	Live Births	Deaths	Marriages	Stillbirths	Average Age Population	Life Expectancy (1996–2000)
LHA 161 Vancouver City Centre		M	49,490	379	327		5	37.4	73.2
		F	48,627	367	298		2	38.8	82.4
		T	98,117	746	625	936	8	38.1	77.6
162 Vancouver Downtown East Side		M	29,154	250	342		3	39.2	65.8
		F	24,174	235	164		5	39.4	78.1
		T	53,328	485	506	340	9	39.3	70.4
163 Vancouver North East		M	47,591	599	311		4	36.2	77.7
		F	48,253	539	273		5	38.0	83.0
		T	95,844	1,138	584	516	12	37.1	80.4
164 Vancouver West Side		M	58,599	518	329		4	37.0	79.9
		F	64,790	498	436		3	39.5	84.6
		T	123,389	1,016	765	1,135	7	38.3	82.5
165 Vancouver Midtown		M	42,679	554	296		3	36.1	75.6
		F	43,596	565	225		3	38.0	82.1
		T	86,275	1,119	521	382	8	37.1	78.9
166 Vancouver South		M	57,482	661	393		5	37.1	78.3
		F	61,309	606	424		3	39.8	82.9
		T	118,791	1,267	817	424	10	38.5	80.7
HR 16 TOTAL		**M**	**284,995**	**2,961**	**1,999**		**24**	**37.0**	**75.5**
		F	**290,749**	**2,811**	**1,820**		**21**	**39.0**	**82.6**
		T	**575,744**	**5,772**	**3,819**	**3,733**	**54**	**38.0**	**79.0**

Health Regions
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HR 17 BURNABY

Health Region/ Local Health Area/ Community (Incorporated Only)	Type†	Gender	Population	Live Births	Deaths	Marriages	Stillbirths	Average Age Population	Life Expectancy (1996–2000)
LHA 041 Burnaby		M	94,945	1,056	638		5	37.2	77.0
		F	97,425	982	677		9	39.5	82.9
		T	192,370	2,038	1,315	923	15	38.4	80.0
Burnaby	C	M		1,056	638		5		
		F		982	677		9		
		T	192,389	2,038	1,315	923	15		
HR 17 TOTAL		**M**	**94,945**	**1,056**	**638**		**5**	**37.2**	**77.0**
		F	**97,425**	**982**	**677**		**9**	**39.5**	**82.9**
		T	**192,370**	**2,038**	**1,315**	**923**	**15**	**38.4**	**80.0**

HR 18 NORTH SHORE

Health Region/ Local Health Area/ Community (Incorporated Only)	Type†	Gender	Population	Live Births	Deaths	Marriages	Stillbirths	Average Age Population	Life Expectancy (1996–2000)
LHA 044 North Vancouver		M	63,651	710	381		4	37.0	78.5
		F	67,301	621	423		3	39.1	82.5
		T	130,952	1,331	804	513	9	38.1	80.6
North Vancouver	C	M		276	150		1		
		F		234	162		2		
		T	44,944	510	312	177	3		
North Vancouver	DM	M		430	228		3		
		F		382	258		1		
		T	85,812	812	486	333	6		

APPENDIX 1 – *continued*

STATISTICAL SUMMARIES BY HEALTH REGION, LOCAL HEALTH AREA AND COMMUNITY

BRITISH COLUMBIA, 2000

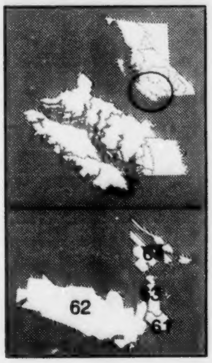
Health Region/ Local Health Area/ Community (Incorporated Only)	Type†	Gender	Population	Live Births	Deaths	Marriages	Stillbirths	Average Age Population	Life Expectancy (1996–2000)
LHA 045 West Vancouver-Bowen Is.		M	23,377	149	209		1	42.4	80.2
		F	26,103	158	238		–	45.0	84.7
		T	49,480	307	447	380	3	43.8	82.6
Bowen Island	IM	M		13	7		–		
		F		11	6		–		
		T	3,167	24	13	23	–		
Lions Bay	VL	M		6	2		–		
		F		11	2		–		
		T	1,498	17	4	33	–		
West Vancouver	DM	M		124	192		1		
		F		125	221		–		
		T	42,449	249	413	322	3		
HR 18 TOTAL		**M**	**87,028**	**859**	**590**		**5**	**38.5**	**79.1**
		F	**93,404**	**779**	**661**		**3**	**40.8**	**83.2**
		T	**180,432**	**1,638**	**1,251**	**893**	**12**	**39.6**	**81.3**

HR 19 RICHOND

Health Region/ Local Health Area/ Community (Incorporated Only)	Type†	Gender	Population	Live Births	Deaths	Marriages	Stillbirths	Average Age Population	Life Expectancy (1996–2000)
LHA 038 Richmond		M	81,102	812	398		5	36.4	78.7
		F	85,016	767	409		2	38.8	84.1
		T	166,118	1,579	807	980	9	37.6	81.5
Richmond	C	M		812	398		5		
		F		767	409		2		
		T	165,133	1,579	807	980	9		
HR 19 TOTAL		**M**	**81,102**	**812**	**398**		**5**	**36.4**	**78.7**
		F	**85,016**	**767**	**409**		**2**	**38.8**	**84.1**
		T	**166,118**	**1,579**	**807**	**980**	**9**	**37.6**	**81.5**

HR 20 CAPITAL

Health Region/ Local Health Area/ Community (Incorporated Only)	Type†	Gender	Population	Live Births	Deaths	Marriages	Stillbirths	Average Age Population	Life Expectancy (1996–2000)
LHA 061 Greater Victoria		M	96,950	822	981		6	39.3	77.0
		F	108,000	849	1,190		1	43.0	81.8
		T	204,950	1,671	2,171	1,327	9	41.3	79.6
Esquimalt	DM	M		85	70		3		
		F		69	66		–		
		T	16,400	154	136	135	3		
Oak Bay	DM	M		60	109		–		
		F		48	122		–		
		T	17,664	108	231	94	–		
Saanich	DM	M		383	394		–		
		F		421	383		1		
		T	106,814	804	777	398	1		
Victoria	C	M		296	475		3		
		F		325	668		–		
		T	74,996	621	1,143	758	5		
View Royal	T	M		38	25		–		
		F		29	20		–		
		T	7,587	67	45	56	–		
LHA 062 Sooke		M	27,639	279	130		1	35.2	78.1
		F	27,195	284	138		1	36.3	81.4
		T	54,834	563	268	353	2	35.7	79.8
Colwood	C	M		71	48		1		
		F		69	68		–		
		T	14,655	140	116	99	1		



APPENDIX 1 – *concluded*

STATISTICAL SUMMARIES BY HEALTH REGION, LOCAL HEALTH AREA AND COMMUNITY

BRITISH COLUMBIA, 2000

Health Region/ Local Health Area/ Community (Incorporated Only)	Type †	Gender	Population	Live Births	Deaths	Marriages	Stillbirths	Average Age Population	Life Expectancy (1996–2000)
Highlands	DM	M		4	2		–		
		F		7	2		–		
		T	1,649	11	4	6	–		
Langford	DM	M		115	39		–		
		F		126	33		–		
		T	20,059	241	72	66	–		
Metchosin	DM	M		9	13		–		
		F		12	4		–		
		T	5,087	21	17	37	–		
Sooke	DM	M		70	23		–		
		F		61	26		1		
		T	9,662	131	49	104	1		
LHA 063 Saanich		M	29,396	179	276		–	42.8	79.3
		F	30,933	187	268		3	44.7	83.7
		T	60,329	366	544	325	3	43.8	81.5
Central Saanich	DM	M		51	60		–		
		F		51	66		2		
		T	15,553	102	126	83	2		
North Saanich	DM	M		27	40		–		
		F		26	26		1		
		T	10,931	53	66	47	1		
Sidney	T	M		37	73		–		
		F		47	91		–		
		T	11,105	84	164	68	–		
LHA 064 Gulf Islands		M	7,123	46	87		–	44.0	79.2
		F	7,611	47	61		–	45.4	84.0
		T	14,734	93	148	159	–	44.8	81.6
HR 20 TOTAL		**M**	**161,108**	**1,326**	**1,474**		**7**	**39.4**	**77.8**
		F	**173,739**	**1,367**	**1,657**		**5**	**42.4**	**82.3**
		T	**334,847**	**2,693**	**3,131**	**2,164**	**14**	**41.0**	**80.2**

BRITISH COLUMBIA

		Gender	Population	Live Births	Deaths	Marriages	Stillbirths	Average Age Population	Life Expectancy (1996–2000)
TOTAL		**M**	**2,019,236**	**20,771**	**14,076**		**130**	**36.7**	**76.8**
		F	**2,047,943**	**19,696**	**13,197**		**114**	**38.5**	**82.2**
		T	**4,067,179**	**40,467**	**27,273**	**22,074**	**279**	**37.6**	**79.5**

Note: Live births, stillbirths and deaths are assigned to communities based on the postal code of usual residence. Marriages are assigned according to the place where the marriage ceremony was performed, and include non-BC residents.

Totals for gender include cases with unknown gender.

Population estimates and information on life expectancy (1996–2000) were obtained from BC STATS, Ministry of Finance and Corporate Relations.

† C=City, T=Town, VL=Village, DM=District Municipality, IGD=Indian Government District, IM=Island Municipality.

The boundaries of some communities include areas in more than one LHA.

Vancouver Total may include unspecified Vancouver addresses.

APPENDIX 1 – *concluded*

STATISTICAL SUMMARIES BY HEALTH REGION, LOCAL HEALTH AREA AND COMMUNITY

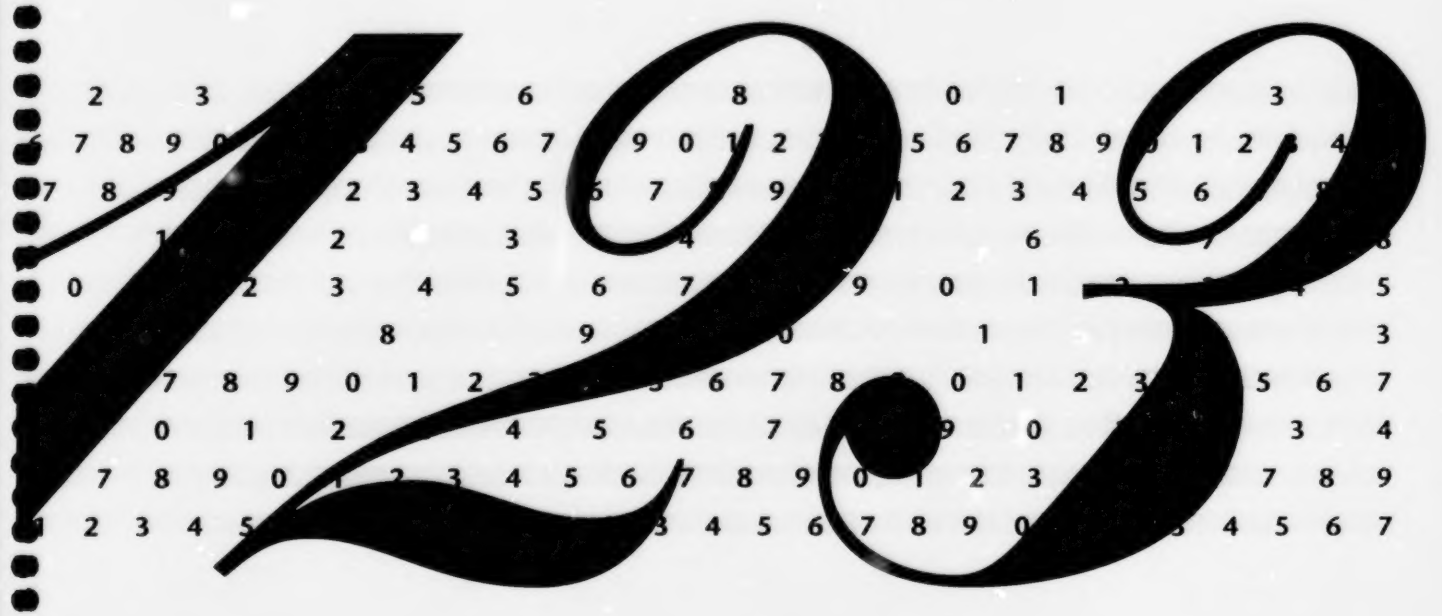
BRITISH COLUMBIA, 2000

Health Region/ Local Health Area/ Community (Incorporated Only)	Type †	Gender	Population	Live Births	Deaths	Marriages	Stillbirths	Average Age Population	Life Expectancy (1996–2000)
Highlands	DM	M		4	2		–		
		F		7	2		–		
		T	1,649	11	4	6	–		
Langford	DM	M		115	39		–		
		F		126	33		–		
		T	20,059	241	72	66	–		
Metchosin	DM	M		9	13		–		
		F		12	4		–		
		T	5,087	21	17	37	–		
Sooke	DM	M		70	23		–		
		F		61	26		1		
		T	9,662	131	49	104	1		
LHA 063 Saanich		M	29,396	179	276		–	42.8	79.3
		F	30,933	187	268		3	44.7	83.7
		T	60,329	366	544	325	3	43.8	81.5
Central Saanich	DM	M		51	60		–		
		F		51	66		2		
		T	15,553	102	126	83	2		
North Saanich	DM	M		27	40		–		
		F		26	26		1		
		T	10,931	53	66	47	1		
Sidney	T	M		37	73		–		
		F		47	91		–		
		T	11,105	84	164	68	–		
LHA 064 Gulf Islands		M	7,123	46	87		–	44.0	79.2
		F	7,611	47	61		–	45.4	84.0
		T	14,734	93	148	159	–	44.8	81.6
HR 20 TOTAL		**M**	**161,108**	**1,326**	**1,474**		**7**	**39.4**	**77.8**
		F	**173,739**	**1,367**	**1,657**		**5**	**42.4**	**82.3**
		T	**334,847**	**2,693**	**3,131**	**2,164**	**14**	**41.0**	**80.2**
BRITISH COLUMBIA									
TOTAL		**M**	**2,019,236**	**20,771**	**14,076**		**130**	**36.7**	**76.8**
		F	**2,047,943**	**19,696**	**13,197**		**114**	**38.5**	**82.2**
		T	**4,067,179**	**40,467**	**27,273**	**22,074**	**279**	**37.6**	**79.5**

Note: Live births, stillbirths and deaths are assigned to communities based on the postal code of usual residence.
Marriages are assigned according to the place where the marriage ceremony was performed, and include non-BC residents.
Totals for gender include cases with unknown gender.
Population estimates and information on life expectancy (1996–2000) were obtained from BC STATS, Ministry of Finance and Corporate Relations.
† C=City, T=Town, VL=Village, DM=District Municipality, IGD=Indian Government District, IM=Island Municipality.
The boundaries of some communities include areas in more than one LHA.
Vancouver Total may include unspecified Vancouver addresses.

Appendix 2

DETAILED CAUSE OF DEATH BY GENDER AND AGE



Preamble to Appendix 2

Appendix 2 provides detailed causes of death by gender and age group for deaths that occurred in British Columbia to provincial residents in the year 2000. Causes of death are coded according to the World Health Organization's International Classification of Diseases, tenth revision (ICD-10). ICD-10 defines the underlying cause of death as "(a) the disease or injury which initiated the train of events leading directly to death, or (b) the circumstances of the accident or violence which produced the fatal injury." ICD-10 codes consist of a letter followed by numbers, and sometimes include a fourth character to provide more specificity. In this appendix, the ICD-10 codes have been summed to the letter plus two digit level and are presented only where there were at least five deaths from the specified cause.

The list below provides a summary of ICD-10, including subgroups used in this report:

Cause of Death	**ICD-10 Code(s)**
Infectious/parasitic diseases	A00–B99
HIV disease	B20–B24
Neoplasms	C00–D48
Cancer (malignant neoplasms)	C00–C97
Colorectal	C18–C21
Lung	C33–C34
Female breast	C50.0–C50.9
Diseases of blood and blood-forming organs, certain immune disorders	D50–D89
Endocrine/nutritional/metabolic diseases	E00–E90
Diabetes	E10–E14
Mental and behavioural disorders	F00–F99
Vascular/senile dementia	F01, F03
Mental disorder due to psychoactive substance use/abuse	F10–F19
Nervous system diseases	G00–G99
Alzheimer's disease	G30
Diseases of the eyes and ears	H00–H95
Circulatory system diseases	I00–I99
Cardiovascular disease	I01–I51
Ischemic heart disease	I20–I25
Cerebrovascular disease	I60–I69
Respiratory system diseases	J00–J99
Pneumonia/influenza	J10–J18.1, J18.8–J18.9
Chronic lung disease	J41–J44
Digestive system diseases	K00–K93
Chronic liver disease/cirrhosis	K70, K73–K74, K76.0–K76.1
Liver diseases	K70–K77

Skin and subcutaneous tissue diseases	L00–L99
Musculoskeletal system and connective tissue diseases	M00–M99
Genitourinary system diseases	N00–N99
Pregnancy, childbirth and puerperial complications	O00–O99
Perinatal conditions	P00–P96
Congenital anomalies	Q00–Q99
Symptoms, signs and ill-defined conditions, unknown causes	R00–R99
Sudden infant death syndrome (SIDS)	R95
Cause of death unknown or pending	R96–R99
External causes	V01–Y98
Motor vehicle accidents	V02–V04, V09, V12–V14, V19.0–V19.6, V20–V79, V80.3–V80.5, V81.0–V81.1, V82.0–V82.1, V83–V89.0, V89.2, V89.9, Y85.0
Other transport accidents	V01, V05–V06, V10–V11, V15–V18, V19.8–V19.9, V80.0–V80.2, V80.6–V80.9, V81.2–V81.9, V82.2–V82.9, V89.1, V89.3, V90–V99, Y85.9
Accidental falls	W00–W19
Drowning/submersion	W65–W74
Accident caused by fire	X00–X09
Accidental poisoning	X40–X49
Suicide	X60–X84, Y87.0
Homicide	X85–Y09, Y87.1

APPENDIX 2
DETAILED CAUSE OF DEATH BY GENDER AND AGE
BRITISH COLUMBIA, 2000

ICD-10 Cause of Death	Gender	Age of Deceased (in Years)										Total
		<1	1–4	5–9	10–14	15–19	20–24	25–44	45–64	65–79	80+	
A04 Other bacterial intestinal infections	M	–	–	–	–	–	–	–	–	2	5	7
	F	1	–	–	–	–	–	–	–	–	5	6
A16 Respiratory tuberculosis	M	–	–	–	–	–	–	–	–	4	–	4
	F	–	–	–	–	–	–	1	–	1	–	2
A40 Streptococcal septicemia	M	–	–	–	–	–	–	1	–	–	–	1
	F	–	–	–	–	–	–	–	1	1	2	4
A41 Other septicemia	M	–	1	–	–	–	–	3	3	23	26	56
	F	–	–	–	–	–	–	2	5	30	31	68
A49 Bacterial infection of unspecified site	M	–	–	–	–	–	–	–	1	1	–	2
	F	–	–	–	–	–	–	1	–	1	2	4
A81 Atypical virus infections of central nervous system	M	–	–	–	–	–	–	–	–	1	1	2
	F	–	–	–	–	–	–	–	1	2	1	4
B16 Acute hepatitis B	M	–	–	–	–	–	–	4	3	2	–	9
	F	–	–	–	–	–	–	1	1	–	–	2
B17 Other acute viral hepatitis	M	–	–	–	–	–	–	4	13	6	2	25
	F	–	–	–	–	–	–	–	1	3	–	4
B18 Chronic viral hepatitis	M	–	–	–	–	–	–	4	2	2	–	8
	F	–	–	–	–	–	–	–	3	3	–	6
B20 HIV resulting in infectious and parasitic diseases	M	–	–	–	–	–	1	28	15	1	–	45
	F	–	–	–	–	–	–	8	4	1	–	13
B21 HIV resulting in malignant neoplasms	M	–	–	–	–	–	–	7	4	1	–	12
	F	–	–	–	–	–	–	–	–	–	–	–
B22 HIV resulting in other specified diseases	M	–	–	–	–	–	–	3	6	1	–	10
	F	–	–	–	–	–	–	1	1	–	–	2
B23 HIV disease resulting in other conditions	M	–	–	–	–	–	–	6	11	1	–	18
	F	–	–	–	–	–	1	4	1	1	–	7
B24 Unspecified HIV disease	M	–	–	–	–	–	–	9	2	1	–	12
	F	–	–	–	–	–	1	2	–	–	–	3
B34 Viral infection of unspecified site	M	–	–	–	–	–	–	–	–	1	2	3
	F	–	–	–	–	–	–	–	–	–	4	4
B90 Sequelae of tuberculosis	M	–	–	–	–	–	–	–	1	–	3	4
	F	–	–	–	–	–	–	1	–	–	4	5
B94 Sequelae of other and unspecified infectious and parasitic diseases	M	–	–	–	–	–	–	–	7	2	2	11
	F	–	–	–	–	–	–	–	3	8	2	13
C02 Malignant neoplasm of other and unspecified parts of tongue	M	–	–	–	–	–	–	–	9	7	3	19
	F	–	–	–	–	–	–	1	1	7	5	14
C06 Malignant neoplasm of other and unspecified parts of mouth	M	–	–	–	–	–	–	–	1	1	5	7
	F	–	–	–	–	–	–	–	2	3	5	10
C07 Malignant neoplasm of parotid gland	M	–	–	–	–	–	–	–	1	2	–	3
	F	–	–	–	–	–	–	–	–	–	2	2
C09 Malignant neoplasm of tonsil	M	–	–	–	–	–	–	1	1	3	–	5
	F	–	–	–	–	–	–	–	–	–	1	1
C11 Malignant neoplasm of nasopharynx	M	–	–	–	–	–	–	2	6	4	1	13
	F	–	–	–	–	–	–	3	2	–	–	5
C14 Malig neoplasm of other and ill-defined sites in the lip,oral cavity and pharynx	M	–	–	–	–	–	–	–	4	9	1	14
	F	–	–	–	–	–	–	–	1	3	1	5
C15 Malignant neoplasm of esophagus	M	–	–	–	–	–	–	3	41	81	24	149
	F	–	–	–	–	–	–	1	8	23	18	50
C16 Malignant neoplasm of stomach	M	–	–	–	–	–	–	4	31	59	45	139
	F	–	–	–	–	1	–	4	17	38	26	86
C17 Malignant neoplasm of small intestine	M	–	–	–	–	–	–	–	1	5	–	6
	F	–	–	–	–	–	–	–	2	1	1	4
C18 Malignant neoplasm of colon	M	–	–	–	–	–	–	9	63	158	84	314
	F	–	–	–	–	–	–	4	55	115	117	291
C19 Malignant neoplasm of rectosigmoid junction	M	–	–	–	–	–	–	–	4	10	3	17
	F	–	–	–	–	–	–	–	1	3	1	5
C20 Malignant neoplasm of rectum	M	–	–	–	–	–	–	1	16	26	13	56
	F	–	–	–	–	–	–	2	10	12	30	54
C22 Malignant neoplasm of liver and intrahepatic bile ducts	M	–	–	–	–	–	–	1	39	54	17	111
	F	–	–	–	–	1	–	1	10	28	21	61

Note: Only causes with five or more deaths are shown.

APPENDIX 2 – *continued*
DETAILED CAUSE OF DEATH BY GENDER AND AGE
BRITISH COLUMBIA, 2000

ICD-10 Cause of Death	Gender	Age of Deceased (in Years)										Total
		<1	1–4	5–9	10–14	15–19	20–24	25–44	45–64	65–79	80+	
C23 Malignant neoplasm of gallbladder	M	–	–	–	–	–	–	–	1	6	3	10
	F	–	–	–	–	–	–	1	2	12	5	20
C24 Malignant neoplasm of other and unspecified parts of biliary tract	M	–	–	–	–	–	–	2	3	11	9	25
	F	–	–	–	–	–	–	–	3	3	5	11
C25 Malignant neoplasm of pancreas	M	–	–	–	–	1	–	6	59	88	48	202
	F	–	–	–	–	–	–	2	37	96	80	215
C26 Malignant neoplasm of other and ill-defined digestive organs	M	–	–	–	–	–	–	2	26	50	37	115
	F	–	–	–	–	–	–	5	21	37	47	110
C31 Malignant neoplasm of accessory sinuses	M	–	–	–	–	–	–	1	1	–	1	3
	F	–	–	–	–	–	–	–	2	1	–	3
C32 Malignant neoplasm of larynx	M	–	–	–	–	–	–	1	11	23	9	44
	F	–	–	–	–	–	–	–	1	4	1	6
C34 Malignant neoplasm of bronchus and lung	M	–	–	–	–	–	–	11	296	586	209	1,102
	F	–	–	–	–	–	–	19	250	405	167	841
C41 Malig neoplasm of bone and articular cartilage of other/unspecified sites	M	–	–	1	1	1	1	1	–	4	–	9
	F	–	–	–	2	2	2	–	1	2	4	13
C43 Malignant melanoma of skin	M	–	–	–	–	–	1	4	16	28	11	60
	F	–	–	–	–	–	–	5	10	13	12	40
C44 Other malignant neoplasms of skin	M	–	–	–	–	–	–	–	5	7	7	19
	F	–	–	–	–	–	–	–	1	5	6	12
C45 Mesothelioma	M	–	–	–	–	–	–	–	14	24	4	42
	F	–	–	–	–	–	–	–	–	5	–	5
C48 Malignant neoplasm of retroperitoneum and peritoneum	M	–	–	–	–	–	–	–	2	2	1	5
	F	–	–	–	–	–	–	–	2	5	2	9
C49 Malignant neoplasm of other connective and soft tissue	M	–	–	–	1	–	1	2	8	3	3	18
	F	–	–	–	–	–	–	2	6	5	–	13
C50 Malignant neoplasm of breast	M	–	–	–	–	–	–	–	2	–	–	2
	F	–	–	–	–	–	–	44	188	170	142	544
C51 Malignant neoplasm of vulva	M	–	–	–	–	–	–	–	–	–	–	–
	F	–	–	–	–	–	–	1	4	4	5	14
C52 Malignant neoplasm of vagina	M	–	–	–	–	–	–	–	–	–	–	–
	F	–	–	–	–	–	–	–	1	1	3	5
C53 Malignant neoplasm of cervix uteri	M	–	–	–	–	–	–	–	–	–	–	–
	F	–	–	–	–	–	–	12	20	11	7	50
C54 Malignant neoplasm of corpus uteri	M	–	–	–	–	–	–	–	–	–	–	–
	F	–	–	–	–	–	–	–	12	22	10	44
C55 Malignant neoplasm of uterus, part unspecified	M	–	–	–	–	–	–	–	–	–	–	–
	F	–	–	–	–	–	–	–	3	8	14	25
C56 Malignant neoplasm of ovary	M	–	–	–	–	–	–	–	–	–	–	–
	F	–	–	–	–	2	–	7	70	87	51	217
C61 Malignant neoplasm of prostate	M	–	–	–	–	–	–	–	32	212	228	472
	F	–	–	–	–	–	–	–	–	–	–	–
C64 Malignant neoplasm of kidney, except renal pelvis	M	–	–	–	–	–	1	4	28	36	21	90
	F	–	–	–	–	–	–	1	14	26	15	56
C66 Malignant neoplasm of ureter	M	–	–	–	–	–	–	–	1	2	2	5
	F	–	–	–	–	–	–	–	–	–	1	1
C67 Malignant neoplasm of bladder	M	–	–	–	–	–	–	1	18	60	45	124
	F	–	–	–	–	–	–	2	8	17	28	55
C71 Malignant neoplasm of brain	M	–	–	2	1	–	1	12	42	31	10	99
	F	–	–	1	–	–	–	5	26	16	13	61
C73 Malignant neoplasm of thyroid gland	M	–	–	–	–	–	–	–	2	9	3	14
	F	–	–	–	–	–	–	–	1	8	3	12
C74 Malignant neoplasm of adrenal gland	M	–	1	–	–	–	–	–	–	1	–	2
	F	–	–	–	–	–	–	1	4	3	–	8
C76 Malignant neoplasm of other and ill-defined sites	M	–	–	–	–	–	–	–	4	5	4	13
	F	–	–	–	–	–	–	1	8	9	13	31
C80 Malignant neoplasm – primary site unknown	M	–	–	–	–	–	–	4	42	80	50	176
	F	–	–	–	–	–	–	6	40	78	89	213
C81 Hodgkin's disease	M	–	–	–	–	1	–	2	5	1	–	9
	F	–	–	–	–	–	1	1	1	–	2	5

Note: Only causes with five or more deaths are shown.

APPENDIX 2
DETAILED CAUSE OF DEATH BY GENDER AND AGE
BRITISH COLUMBIA, 2000

ICD-10 Cause of Death	Gender	Age of Deceased (in Years)										Total
		<1	1–4	5–9	10–14	15–19	20–24	25–44	45–64	65–79	80+	
A04 Other bacterial intestinal infections	M	–	–	–	–	–	–	–	–	2	5	7
	F	1	–	–	–	–	–	–	–	–	5	6
A16 Respiratory tuberculosis	M	–	–	–	–	–	–	–	–	4	–	4
	F	–	–	–	–	–	–	1	–	1	–	2
A40 Streptococcal septicemia	M	–	–	–	–	–	–	1	–	–	–	1
	F	–	–	–	–	–	–	–	1	1	2	4
A41 Other septicemia	M	–	1	–	–	–	–	3	3	23	26	56
	F	–	–	–	–	–	–	2	5	30	31	68
A49 Bacterial infection of unspecified site	M	–	–	–	–	–	–	–	1	1	–	2
	F	–	–	–	–	–	–	1	–	1	2	4
A81 Atypical virus infections of central nervous system	M	–	–	–	–	–	–	–	–	1	1	2
	F	–	–	–	–	–	–	–	1	2	1	4
B16 Acute hepatitis B	M	–	–	–	–	–	–	4	3	2	–	9
	F	–	–	–	–	–	–	1	1	–	–	2
B17 Other acute viral hepatitis	M	–	–	–	–	–	–	4	13	6	2	25
	F	–	–	–	–	–	–	–	1	3	–	4
B18 Chronic viral hepatitis	M	–	–	–	–	–	–	4	2	2	–	8
	F	–	–	–	–	–	–	–	3	3	–	6
B20 HIV resulting in infectious and parasitic diseases	M	–	–	–	–	–	1	28	15	1	–	45
	F	–	–	–	–	–	–	8	4	1	–	13
B21 HIV resulting in malignant neoplasms	M	–	–	–	–	–	–	7	4	1	–	12
	F	–	–	–	–	–	–	–	–	–	–	–
B22 HIV resulting in other specified diseases	M	–	–	–	–	–	–	3	6	1	–	10
	F	–	–	–	–	–	–	1	1	–	–	2
B23 HIV disease resulting in other conditions	M	–	–	–	–	–	–	6	11	1	–	18
	F	–	–	–	–	–	1	4	1	1	–	7
B24 Unspecified HIV disease	M	–	–	–	–	–	–	9	2	1	–	12
	F	–	–	–	–	–	1	2	–	–	–	3
B34 Viral infection of unspecified site	M	–	–	–	–	–	–	–	–	1	2	3
	F	–	–	–	–	–	–	–	–	–	4	4
B90 Sequelae of tuberculosis	M	–	–	–	–	–	–	–	1	–	3	4
	F	–	–	–	–	–	–	1	–	–	4	5
B94 Sequelae of other and unspecified infectious and parasitic diseases	M	–	–	–	–	–	–	–	7	2	2	11
	F	–	–	–	–	–	–	–	3	8	2	13
C02 Malignant neoplasm of other and unspecified parts of tongue	M	–	–	–	–	–	–	–	9	7	3	19
	F	–	–	–	–	–	–	1	1	7	5	14
C06 Malignant neoplasm of other and unspecified parts of mouth	M	–	–	–	–	–	–	–	1	1	5	7
	F	–	–	–	–	–	–	–	2	3	5	10
C07 Malignant neoplasm of parotid gland	M	–	–	–	–	–	–	–	1	2	–	3
	F	–	–	–	–	–	–	–	–	–	2	2
C09 Malignant neoplasm of tonsil	M	–	–	–	–	–	–	1	1	3	–	5
	F	–	–	–	–	–	–	–	–	–	1	1
C11 Malignant neoplasm of nasopharynx	M	–	–	–	–	–	–	2	6	4	1	13
	F	–	–	–	–	–	–	3	2	–	–	5
C14 Malig neoplasm of other and ill-defined sites in the lip,oral cavity and pharynx	M	–	–	–	–	–	–	–	4	9	1	14
	F	–	–	–	–	–	–	–	1	3	1	5
C15 Malignant neoplasm of esophagus	M	–	–	–	–	–	–	3	41	81	24	149
	F	–	–	–	–	–	–	1	8	23	18	50
C16 Malignant neoplasm of stomach	M	–	–	–	–	–	–	4	31	59	45	139
	F	–	–	–	–	1	–	4	17	38	26	86
C17 Malignant neoplasm of small intestine	M	–	–	–	–	–	–	–	1	5	–	6
	F	–	–	–	–	–	–	–	2	1	1	4
C18 Malignant neoplasm of colon	M	–	–	–	–	–	–	9	63	158	84	314
	F	–	–	–	–	–	–	4	55	115	117	291
C19 Malignant neoplasm of rectosigmoid junction	M	–	–	–	–	–	–	–	4	10	3	17
	F	–	–	–	–	–	–	–	1	3	1	5
C20 Malignant neoplasm of rectum	M	–	–	–	–	–	–	1	16	26	13	56
	F	–	–	–	–	–	–	2	10	12	30	54
C22 Malignant neoplasm of liver and intrahepatic bile ducts	M	–	–	–	–	–	–	1	39	54	17	111
	F	–	–	–	–	1	–	1	10	28	21	61

Note: Only causes with five or more deaths are shown.

APPENDIX 2 – *continued*
DETAILED CAUSE OF DEATH BY GENDER AND AGE
BRITISH COLUMBIA, 2000

ICD-10	Cause of Death	Gender	Age of Deceased (in Years) <1	1–4	5–9	10–14	15–19	20–24	25–44	45–64	65–79	80+	Total
C23	**Malignant neoplasm of gallbladder**	M	–	–	–	–	–	–	–	1	6	3	10
		F	–	–	–	–	–	–	1	2	12	5	20
C24	Malignant neoplasm of other and unspecified parts of biliary tract	M	–	–	–	–	–	–	2	3	11	9	25
		F	–	–	–	–	–	–	–	3	3	5	11
C25	**Malignant neoplasm of pancreas**	M	–	–	–	–	1	–	6	59	88	48	202
		F	–	–	–	–	–	–	2	37	96	80	215
C26	Malignant neoplasm of other and ill-defined digestive organs	M	–	–	–	–	–	–	2	26	50	37	115
		F	–	–	–	–	–	–	5	21	37	47	110
C31	**Malignant neoplasm of accessory sinuses**	M	–	–	–	–	–	–	1	1	–	1	3
		F	–	–	–	–	–	–	–	2	1	–	3
C32	Malignant neoplasm of larynx	M	–	–	–	–	–	–	1	11	23	9	44
		F	–	–	–	–	–	–	–	1	4	1	6
C34	**Malignant neoplasm of bronchus and lung**	M	–	–	–	–	–	–	11	296	586	209	1,102
		F	–	–	–	–	–	–	19	250	405	167	841
C41	Malig neoplasm of bone and articular cartilage of other/unspecified sites	M	–	–	1	1	1	1	1	–	4	–	9
		F	–	–	–	2	2	2	–	1	2	4	13
C43	**Malignant melanoma of skin**	M	–	–	–	–	–	1	4	16	28	11	60
		F	–	–	–	–	–	–	5	10	13	12	40
C44	Other malignant neoplasms of skin	M	–	–	–	–	–	–	–	5	7	7	19
		F	–	–	–	–	–	–	–	1	5	6	12
C45	**Mesothelioma**	M	–	–	–	–	–	–	–	14	24	4	42
		F	–	–	–	–	–	–	–	–	5	–	5
C48	Malignant neoplasm of retroperitoneum and peritoneum	M	–	–	–	–	–	–	–	2	2	1	5
		F	–	–	–	–	–	–	–	2	5	2	9
C49	**Malignant neoplasm of other connective and soft tissue**	M	–	–	–	1	–	1	2	8	3	3	18
		F	–	–	–	–	–	–	2	6	5	–	13
C50	Malignant neoplasm of breast	M	–	–	–	–	–	–	–	2	–	–	2
		F	–	–	–	–	–	–	44	188	170	142	544
C51	**Malignant neoplasm of vulva**	M	–	–	–	–	–	–	–	–	–	–	–
		F	–	–	–	–	–	–	1	4	4	5	14
C52	Malignant neoplasm of vagina	M	–	–	–	–	–	–	–	–	–	–	–
		F	–	–	–	–	–	–	–	1	1	3	5
C53	**Malignant neoplasm of cervix uteri**	M	–	–	–	–	–	–	–	–	–	–	–
		F	–	–	–	–	–	–	12	20	11	7	50
C54	Malignant neoplasm of corpus uteri	M	–	–	–	–	–	–	–	–	–	–	–
		F	–	–	–	–	–	–	–	12	22	10	44
C55	**Malignant neoplasm of uterus, part unspecified**	M	–	–	–	–	–	–	–	–	–	–	–
		F	–	–	–	–	–	–	–	3	8	14	25
C56	Malignant neoplasm of ovary	M	–	–	–	–	–	–	–	–	–	–	–
		F	–	–	–	–	2	–	7	70	87	51	217
C61	**Malignant neoplasm of prostate**	M	–	–	–	–	–	–	–	32	212	228	472
		F	–	–	–	–	–	–	–	–	–	–	–
C64	Malignant neoplasm of kidney, except renal pelvis	M	–	–	–	–	–	1	4	28	36	21	90
		F	–	–	–	–	–	–	1	14	26	15	56
C66	**Malignant neoplasm of ureter**	M	–	–	–	–	–	–	–	1	2	2	5
		F	–	–	–	–	–	–	–	–	–	1	1
C67	Malignant neoplasm of bladder	M	–	–	–	–	–	–	1	18	60	45	124
		F	–	–	–	–	–	–	2	8	17	28	55
C71	**Malignant neoplasm of brain**	M	–	–	2	1	–	1	12	42	31	10	99
		F	–	–	1	–	–	–	5	26	16	13	61
C73	Malignant neoplasm of thyroid gland	M	–	–	–	–	–	–	–	2	9	3	14
		F	–	–	–	–	–	–	–	1	8	3	12
C74	**Malignant neoplasm of adrenal gland**	M	–	1	–	–	–	–	–	–	1	–	2
		F	–	–	–	–	–	–	1	4	3	–	8
C76	Malignant neoplasm of other and ill-defined sites	M	–	–	–	–	–	–	–	4	5	4	13
		F	–	–	–	–	–	–	1	8	9	13	31
C80	**Malignant neoplasm – primary site unknown**	M	–	–	–	–	–	–	4	42	80	50	176
		F	–	–	–	–	–	–	6	40	78	89	213
C81	Hodgkin's disease	M	–	–	–	–	1	–	2	5	1	–	9
		F	–	–	–	–	–	1	1	1	–	2	5

Note: Only causes with five or more deaths are shown.

APPENDIX 2 – *continued*

DETAILED CAUSE OF DEATH BY GENDER AND AGE

BRITISH COLUMBIA, 2000

ICD-10 Cause of Death	Gender	Age of Deceased (in Years)										Total
		<1	1–4	5–9	10–14	15–19	20–24	25–44	45–64	65–79	80+	
C83 Diffuse non-Hodgkin's lymphoma	**M**	–	–	–	–	–	1	3	5	9	6	24
	F	–	–	–	–	–	–	–	1	7	3	11
C84 Peripheral and cutaneous T-cell lymphomas	M	–	–	–	–	–	–	2	–	2	2	6
	F	–	–	–	–	–	–	–	2	3	4	9
C85 Other and unspecified types of non-Hodgkin's lymphoma	**M**	–	–	–	–	–	–	6	39	66	39	150
	F	–	–	–	1	–	–	9	18	57	41	126
C88 Malignant immunoproliferative diseases	M	–	–	–	–	–	–	–	–	2	2	4
	F	–	–	–	–	–	–	–	–	2	1	3
C90 Multiple myeloma and malignant plasma cell neoplasms	**M**	–	–	–	–	–	–	–	15	40	17	72
	F	–	–	–	–	–	–	–	13	33	16	62
C91 Lymphoid leukemia	M	–	–	–	–	1	–	2	9	26	19	57
	F	–	–	–	–	–	–	–	4	6	10	20
C92 Myeloid leukemia	**M**	–	–	–	–	–	1	3	13	31	18	66
	F	–	1	–	–	1	–	6	8	17	7	40
C95 Leukemia of unspecified cell type	M	1	–	–	1	–	–	1	4	9	12	28
	F	–	–	–	1	–	–	2	2	7	17	29
D32 Benign neoplasm of meninges	**M**	–	–	–	–	–	–	1	–	2	3	6
	F	–	–	–	–	–	–	1	–	4	6	11
D37 Neoplasm of uncert/unk behaviour of oral cavity and digestive organs	M	–	–	–	–	–	–	–	–	2	1	3
	F	–	–	–	–	–	–	–	–	1	5	6
D38 Neoplasm of uncert/unk behaviour of middle ear & respir & intrathoracic org	**M**	–	–	–	–	–	–	–	1	–	1	2
	F	–	–	–	–	–	–	–	–	–	4	4
D43 Neoplasm of uncert/unk behaviour of brain and central nervous system	M	–	–	–	–	–	–	2	8	9	5	24
	F	1	–	–	–	–	–	1	5	9	5	21
D45 Polycythemia vera	**M**	–	–	–	–	–	–	–	–	2	3	5
	F	–	–	–	–	–	–	–	–	1	1	2
D46 Myelodysplastic syndromes	M	–	–	–	–	–	–	–	3	19	13	35
	F	–	–	–	–	–	–	1	2	9	10	22
D47 Neoplasm of uncert/unk behaviour of lymphoid, hematopoietic & related tis	**M**	–	–	–	–	–	–	–	2	6	10	18
	F	–	–	–	–	–	–	–	–	3	9	12
D48 Neoplasm of uncert/unk behaviour of other and unspecified sites	M	–	–	–	–	–	–	1	1	1	1	4
	F	–	–	–	–	–	–	1	1	–	3	5
D61 Other aplastic anemias	**M**	–	–	–	–	–	–	–	–	2	2	4
	F	–	–	–	–	–	–	–	1	2	2	5
D64 Other anemias	M	–	–	–	–	–	–	–	–	2	9	11
	F	–	–	–	–	–	–	–	–	1	8	9
D65 Disseminated intravascular coagulation [defibrination syndrome]	**M**	1	–	–	–	–	–	–	–	–	–	1
	F	–	–	–	–	–	–	–	1	2	1	4
D68 Other coagulation defects	M	–	–	–	–	–	–	–	–	2	2	4
	F	–	–	–	–	–	–	–	1	3	2	6
D86 Sarcoidosis	**M**	–	–	–	–	–	–	–	–	1	–	1
	F	–	–	–	–	–	–	–	–	–	4	4
E03 Other hypothyroidism	M	–	–	–	–	–	–	–	–	–	1	1
	F	–	–	–	–	–	–	–	–	2	6	8
E10 Insulin-dependent diabetes mellitus	**M**	–	–	–	–	–	1	4	9	10	9	33
	F	–	–	–	–	–	–	3	3	11	16	33
E11 Non-insulin-dependent diabetes mellitus	M	–	–	–	–	–	–	1	5	22	20	48
	F	–	–	–	–	–	–	–	1	12	29	42
E14 Diabetes mellitus NOS	**M**	–	–	–	–	–	–	7	48	122	103	280
	F	–	–	–	–	–	–	2	27	89	134	252
E27 Other disorders of adrenal gland	M	–	–	–	–	–	–	–	2	–	–	2
	F	–	–	1	–	–	–	–	–	1	1	3
E46 Unspecified protein-energy malnutrition	**M**	–	–	–	–	–	–	–	2	2	5	9
	F	–	–	–	–	–	–	–	–	4	14	18
E64 Sequelae of malnutrition and other nutritional deficiencies	M	–	–	–	–	–	–	–	1	–	–	1
	F	–	–	–	–	–	–	1	1	–	2	4
E66 Obesity	**M**	–	–	–	–	–	–	–	2	4	1	7
	F	–	–	–	–	–	–	–	2	4	2	8
E78 Disorders of lipoprotein metabolism and other lipidemias	M	–	–	–	–	–	–	–	7	9	3	19
	F	–	–	–	–	–	–	–	–	7	2	9

Note: Only causes with five or more deaths are shown.

APPENDIX 2 – *continued*

DETAILED CAUSE OF DEATH BY GENDER AND AGE

BRITISH COLUMBIA, 2000

ICD-10	Cause of Death	Gender	Age of Deceased (in Years) <1	1–4	5–9	10–14	15–19	20–24	25–44	45–64	65–79	80+	Total
E83	**Disorders of mineral metabolism**	**M**	–	–	–	–	–	–	–	**2**	**2**	–	**4**
		F	–	–	–	–	–	–	–	**1**	**1**	–	**2**
E84	Cystic fibrosis	M	–	–	–	–	–	2	–	–	–	–	2
		F	–	–	–	–	1	–	2	–	–	–	3
E85	**Amyloidosis**	**M**	–	–	–	–	–	–	–	–	**5**	**4**	**9**
		F	–	–	–	–	–	–	–	–	**3**	**2**	**5**
E86	Volume depletion	M	–	–	–	–	–	–	–	–	1	8	9
		F	–	–	–	–	–	–	–	1	–	16	17
E87	**Other disorders of fluid, electrolyte and acid-base balance**	**M**	–	–	–	–	–	–	**1**	**1**	**3**	**4**	**9**
		F	–	–	–	–	–	–	–	–	**1**	**9**	**10**
E88	Other metabolic disorders	M	–	–	–	–	–	–	–	1	5	1	7
		F	–	–	–	–	–	–	–	1	2	1	4
F01	**Vascular dementia**	**M**	–	–	–	–	–	–	–	–	**4**	**7**	**11**
		F	–	–	–	–	–	–	–	–	**4**	**19**	**23**
F03	Unspecified dementia	M	–	–	–	–	–	–	–	3	30	119	152
		F	–	–	–	–	–	–	1	1	34	271	307
F06	**Other mental disorders due to brain damage & dysfunction & to phys dis**	**M**	–	–	–	–	–	–	–	–	**1**	**3**	**4**
		F	–	–	–	–	–	–	–	–	**1**	**4**	**5**
F10	Mental and behavioural disorders due to use of alcohol	M	–	–	–	–	–	–	8	42	24	8	82
		F	–	–	–	–	–	–	7	12	9	1	29
F19	**Multiple drug misuse and misuse of other psychoactive substances**	**M**	–	–	–	–	–	–	**2**	**2**	–	–	**4**
		F	–	–	–	–	–	–	–	**1**	–	–	**1**
F20	Schizophrenia	M	–	–	–	–	–	–	–	2	–	–	2
		F	–	–	–	–	–	–	–	1	–	2	3
F33	**Recurrent depressive disorder**	**M**	–	–	–	–	–	–	–	–	**1**	**1**	**2**
		F	–	–	–	–	–	–	–	–	–	**7**	**7**
F50	Eating disorders	M	–	–	–	–	–	–	–	–	–	–	–
		F	–	–	–	–	–	–	–	–	–	5	5
G03	**Meningitis due to other and unspecified causes**	**M**	–	–	–	–	–	–	–	**2**	**1**	–	**3**
		F	–	–	–	–	–	–	**1**	–	**1**	–	**2**
G10	Huntington's disease	M	–	–	–	–	–	–	–	2	3	–	5
		F	–	–	–	–	–	–	1	2	1	1	5
G12	**Spinal muscular atrophy and related syndromes**	**M**	**2**	–	–	–	–	–	**2**	**17**	**34**	**13**	**68**
		F	**1**	–	–	–	–	–	**2**	**12**	**32**	**9**	**56**
G20	Parkinson's disease	M	–	–	–	–	–	–	–	4	40	60	104
		F	–	–	–	–	–	–	–	–	25	41	66
G30	**Alzheimer's disease**	**M**	–	–	–	–	–	–	–	**3**	**42**	**94**	**139**
		F	–	–	–	–	–	–	–	**4**	**80**	**237**	**321**
G31	Other degenerative diseases of nervous system, NEC	M	–	–	–	–	–	1	1	3	14	9	28
		F	–	–	–	–	–	–	–	4	7	8	19
G35	**Multiple sclerosis**	**M**	–	–	–	–	–	–	**2**	**10**	**9**	**1**	**22**
		F	–	–	–	–	–	–	**2**	**10**	**7**	**2**	**21**
G40	Epilepsy	M	–	–	–	–	–	1	4	3	1	1	10
		F	–	–	–	–	2	–	2	1	2	1	8
G45	**Transient cerebral ischemic attacks and related syndromes**	**M**	–	–	–	–	–	–	–	–	–	**2**	**2**
		F	–	–	–	–	–	–	–	–	**1**	**3**	**4**
G70	Other myoneural disorders	M	–	–	–	–	–	–	–	–	2	2	4
		F	–	–	–	–	–	–	–	–	1	2	3
G71	**Primary disorders of muscles**	**M**	–	–	–	–	**1**	–	**1**	**2**	**1**	–	**5**
		F	–	–	–	–	–	–	**1**	–	**1**	**1**	**3**
G80	Infantile cerebral palsy	M	–	–	1	–	–	–	–	2	1	–	4
		F	–	1	1	–	–	–	1	–	3	1	7
G81	**Hemiplegia**	**M**	–	–	–	–	–	–	–	–	**1**	**2**	**3**
		F	–	–	–	–	–	–	–	–	**2**	–	**2**
G82	Paraplegia and tetraplegia	M	–	–	–	–	–	–	–	1	2	1	4
		F	–	–	–	–	–	–	–	–	–	2	2
G90	**Disorders of autonomic nervous system**	**M**	–	–	–	–	–	–	**1**	**2**	–	–	**3**
		F	–	–	–	–	–	–	–	**1**	**2**	–	**3**
G91	Hydrocephalus (acquired)	M	–	–	–	–	–	–	–	–	2	1	3
		F	–	–	–	–	–	–	–	–	2	2	4

Note: Only causes with five or more deaths are shown.

APPENDIX 2 – *continued*

DETAILED CAUSE OF DEATH BY GENDER AND AGE

BRITISH COLUMBIA, 2000

ICD-10 Cause of Death	Gender	Age of Deceased (in Years)										Total
		<1	1–4	5–9	10–14	15–19	20–24	25–44	45–64	65–79	80+	
C83 **Diffuse non-Hodgkin's lymphoma**	M	–	–	–	–	–	1	3	5	9	6	24
	F	–	–	–	–	–	–	–	1	7	3	11
C84 Peripheral and cutaneous T-cell lymphomas	M	–	–	–	–	–	–	2	–	2	2	6
	F	–	–	–	–	–	–	–	2	3	4	9
C85 **Other and unspecified types of non-Hodgkin's lymphoma**	M	–	–	–	–	–	–	6	39	66	39	150
	F	–	–	–	1	–	–	9	18	57	41	126
C88 Malignant immunoproliferative diseases	M	–	–	–	–	–	–	–	–	2	2	4
	F	–	–	–	–	–	–	–	–	2	1	3
C90 **Multiple myeloma and malignant plasma cell neoplasms**	M	–	–	–	–	–	–	–	15	40	17	72
	F	–	–	–	–	–	–	–	13	33	16	62
C91 Lymphoid leukemia	M	–	–	–	–	1	–	2	9	26	19	57
	F	–	–	–	–	–	–	–	4	6	10	20
C92 **Myeloid leukemia**	M	–	–	–	–	–	1	3	13	31	18	66
	F	–	1	–	–	1	–	6	8	17	7	40
C95 Leukemia of unspecified cell type	M	1	–	–	1	–	–	1	4	9	12	28
	F	–	–	–	1	–	–	2	2	7	17	29
D32 **Benign neoplasm of meninges**	M	–	–	–	–	–	–	1	–	2	3	6
	F	–	–	–	–	–	–	1	–	4	6	11
D37 Neoplasm of uncert/unk behaviour of oral cavity and digestive organs	M	–	–	–	–	–	–	–	–	2	1	3
	F	–	–	–	–	–	–	–	–	1	5	6
D38 **Neoplasm of uncert/unk behaviour of middle ear & respir & intrathoracic org**	M	–	–	–	–	–	–	–	1	–	1	2
	F	–	–	–	–	–	–	–	–	–	4	4
D43 Neoplasm of uncert/unk behaviour of brain and central nervous system	M	–	–	–	–	–	–	2	8	9	5	24
	F	1	–	–	–	–	–	1	5	9	5	21
D45 **Polycythemia vera**	M	–	–	–	–	–	–	–	–	2	3	5
	F	–	–	–	–	–	–	–	–	1	1	2
D46 Myelodysplastic syndromes	M	–	–	–	–	–	–	–	3	19	13	35
	F	–	–	–	–	–	–	1	2	9	10	22
D47 **Neoplasm of uncert/unk behaviour of lymphoid, hematopoietic & related tis**	M	–	–	–	–	–	–	–	2	6	10	18
	F	–	–	–	–	–	–	–	–	3	9	12
D48 Neoplasm of uncert/unk behaviour of other and unspecified sites	M	–	–	–	–	–	–	1	1	1	1	4
	F	–	–	–	–	–	–	1	1	–	3	5
D61 **Other aplastic anemias**	M	–	–	–	–	–	–	–	–	2	2	4
	F	–	–	–	–	–	–	–	1	2	2	5
D64 Other anemias	M	–	–	–	–	–	–	–	–	2	9	11
	F	–	–	–	–	–	–	–	–	1	8	9
D65 **Disseminated intravascular coagulation [defibrination syndrome]**	M	1	–	–	–	–	–	–	–	–	–	1
	F	–	–	–	–	–	–	–	1	2	1	4
D68 Other coagulation defects	M	–	–	–	–	–	–	–	–	2	2	4
	F	–	–	–	–	–	–	–	1	3	2	6
D86 **Sarcoidosis**	M	–	–	–	–	–	–	–	–	1	–	1
	F	–	–	–	–	–	–	–	–	–	4	4
E03 Other hypothyroidism	M	–	–	–	–	–	–	–	–	–	1	1
	F	–	–	–	–	–	–	–	–	2	6	8
E10 **Insulin-dependent diabetes mellitus**	M	–	–	–	–	–	1	4	9	10	9	33
	F	–	–	–	–	–	–	3	3	11	16	33
E11 Non-insulin-dependent diabetes mellitus	M	–	–	–	–	–	–	1	5	22	20	48
	F	–	–	–	–	–	–	–	1	12	29	42
E14 **Diabetes mellitus NOS**	M	–	–	–	–	–	–	7	48	122	103	280
	F	–	–	–	–	–	–	2	27	89	134	252
E27 Other disorders of adrenal gland	M	–	–	–	–	–	–	–	2	–	–	2
	F	–	–	1	–	–	–	–	–	1	1	3
E46 **Unspecified protein-energy malnutrition**	M	–	–	–	–	–	–	–	2	2	5	9
	F	–	–	–	–	–	–	–	–	4	14	18
E64 Sequelae of malnutrition and other nutritional deficiencies	M	–	–	–	–	–	–	–	1	–	–	1
	F	–	–	–	–	–	–	1	1	–	2	4
E66 **Obesity**	M	–	–	–	–	–	–	–	2	4	1	7
	F	–	–	–	–	–	–	–	2	4	2	8
E78 Disorders of lipoprotein metabolism and other lipidemias	M	–	–	–	–	–	–	–	7	9	3	19
	F	–	–	–	–	–	–	–	–	7	2	9

Note: Only causes with five or more deaths are shown.

APPENDIX 2 – *continued*

DETAILED CAUSE OF DEATH BY GENDER AND AGE

BRITISH COLUMBIA, 2000

ICD-10	Cause of Death	Gender	Age of Deceased (in Years)										Total
			<1	1–4	5–9	10–14	15–19	20–24	25–44	45–64	65–79	80+	
E83	Disorders of mineral metabolism	M	–	–	–	–	–	–	–	2	2	–	4
		F	–	–	–	–	–	–	–	1	1	–	2
E84	Cystic fibrosis	M	–	–	–	–	–	2	–	–	–	–	2
		F	–	–	–	–	1	–	2	–	–	–	3
E85	Amyloidosis	M	–	–	–	–	–	–	–	–	5	4	9
		F	–	–	–	–	–	–	–	–	3	2	5
E86	Volume depletion	M	–	–	–	–	–	–	–	–	1	8	9
		F	–	–	–	–	–	–	–	1	–	16	17
E87	Other disorders of fluid, electrolyte and acid-base balance	M	–	–	–	–	–	–	1	1	3	4	9
		F	–	–	–	–	–	–	–	–	1	9	10
E88	Other metabolic disorders	M	–	–	–	–	–	–	–	1	5	1	7
		F	–	–	–	–	–	–	–	1	2	1	4
F01	Vascular dementia	M	–	–	–	–	–	–	–	–	4	7	11
		F	–	–	–	–	–	–	–	–	4	19	23
F03	Unspecified dementia	M	–	–	–	–	–	–	–	3	30	119	152
		F	–	–	–	–	–	–	1	1	34	271	307
F06	Other mental disorders due to brain damage & dysfunction & to phys dis	M	–	–	–	–	–	–	–	–	1	3	4
		F	–	–	–	–	–	–	–	–	1	4	5
F10	Mental and behavioural disorders due to use of alcohol	M	–	–	–	–	–	–	8	42	24	8	82
		F	–	–	–	–	–	–	7	12	9	1	29
F19	Multiple drug misuse and misuse of other psychoactive substances	M	–	–	–	–	–	–	2	2	–	–	4
		F	–	–	–	–	–	–	–	1	–	–	1
F20	Schizophrenia	M	–	–	–	–	–	–	–	2	–	–	2
		F	–	–	–	–	–	–	–	1	–	2	3
F33	Recurrent depressive disorder	M	–	–	–	–	–	–	–	–	1	1	2
		F	–	–	–	–	–	–	–	–	–	7	7
F50	Eating disorders	M	–	–	–	–	–	–	–	–	–	–	–
		F	–	–	–	–	–	–	–	–	–	5	5
G03	Meningitis due to other and unspecified causes	M	–	–	–	–	–	–	–	2	1	–	3
		F	–	–	–	–	–	–	1	–	1	–	2
G10	Huntington's disease	M	–	–	–	–	–	–	–	2	3	–	5
		F	–	–	–	–	–	–	1	2	1	1	5
G12	Spinal muscular atrophy and related syndromes	M	2	–	–	–	–	–	2	17	34	13	68
		F	1	–	–	–	–	–	2	12	32	9	56
G20	Parkinson's disease	M	–	–	–	–	–	–	–	4	40	60	104
		F	–	–	–	–	–	–	–	–	25	41	66
G30	Alzheimer's disease	M	–	–	–	–	–	–	–	3	42	94	139
		F	–	–	–	–	–	–	–	4	80	237	321
G31	Other degenerative diseases of nervous system, NEC	M	–	–	–	–	–	1	1	3	14	9	28
		F	–	–	–	–	–	–	–	4	7	8	19
G35	Multiple sclerosis	M	–	–	–	–	–	–	2	10	9	1	22
		F	–	–	–	–	–	–	2	10	7	2	21
G40	Epilepsy	M	–	–	–	–	–	1	4	3	1	1	10
		F	–	–	–	–	2	–	2	1	2	1	8
G45	Transient cerebral ischemic attacks and related syndromes	M	–	–	–	–	–	–	–	–	–	2	2
		F	–	–	–	–	–	–	–	–	1	3	4
G70	Other myoneural disorders	M	–	–	–	–	–	–	–	–	2	2	4
		F	–	–	–	–	–	–	–	–	1	2	3
G71	Primary disorders of muscles	M	–	–	–	–	1	–	1	2	1	–	5
		F	–	–	–	–	–	–	1	–	1	1	3
G80	Infantile cerebral palsy	M	–	–	1	–	–	–	–	2	1	–	4
		F	–	1	1	–	–	–	1	–	3	1	7
G81	Hemiplegia	M	–	–	–	–	–	–	–	–	1	2	3
		F	–	–	–	–	–	–	–	–	2	–	2
G82	Paraplegia and tetraplegia	M	–	–	–	–	–	–	–	1	2	1	4
		F	–	–	–	–	–	–	–	–	–	2	2
G90	Disorders of autonomic nervous system	M	–	–	–	–	–	–	1	2	–	–	3
		F	–	–	–	–	–	–	–	1	2	–	3
G91	Hydrocephalus (acquired)	M	–	–	–	–	–	–	–	–	2	1	3
		F	–	–	–	–	–	–	–	–	2	2	4

Note: Only causes with five or more deaths are shown.

APPENDIX 2 – *continued*

DETAILED CAUSE OF DEATH BY GENDER AND AGE

BRITISH COLUMBIA, 2000

ICD-10 Cause of Death	Gender	Age of Deceased (in Years)										Total
		<1	1–4	5–9	10–14	15–19	20–24	25–44	45–64	65–79	80+	
G93 Other disorders of brain	M	–	–	–	–	–	–	2	2	10	3	17
	F	–	–	–	–	–	–	1	3	7	2	13
I05 Rheumatic mitral valve diseases	M	–	–	–	–	–	–	–	1	6	3	10
	F	–	–	–	–	–	–	–	–	6	10	16
I08 Multiple valve diseases	M	–	–	–	–	–	–	–	1	–	2	3
	F	–	–	–	–	–	–	–	1	3	2	6
I09 Other rheumatic heart diseases	M	–	–	–	–	–	–	–	–	3	3	6
	F	–	–	–	–	–	–	–	–	2	4	6
I10 Essential (primary) hypertension	M	–	–	–	–	–	–	–	1	6	14	21
	F	–	–	–	–	–	–	–	–	5	36	41
I11 Hypertensive heart disease	M	–	–	–	–	–	–	2	4	11	12	29
	F	–	–	–	–	–	–	–	–	7	40	47
I12 Hypertensive renal disease	M	–	–	–	–	–	–	–	1	10	6	17
	F	–	–	–	–	–	–	–	1	6	30	37
I13 Hypertensive heart and renal disease	M	–	–	–	–	–	–	1	–	1	2	4
	F	–	–	–	–	–	–	–	–	1	8	9
I20 Angina pectoris	M	–	–	–	–	–	–	–	–	3	3	6
	F	–	–	–	–	–	–	1	–	3	11	15
I21 Acute MI	M	–	–	–	–	–	–	26	226	596	558	1,406
	F	–	–	–	–	–	–	4	58	329	657	1,048
I24 Other acute ischemic heart diseases	M	–	–	–	–	–	–	–	6	7	3	16
	F	–	–	–	–	–	–	–	2	4	11	17
I25 Chronic ischemic heart disease	M	–	–	–	–	–	–	14	174	465	587	1,240
	F	–	–	–	–	–	–	7	41	218	795	1,061
I26 Pulmonary embolism	M	–	–	–	–	–	–	2	7	19	11	39
	F	–	–	–	–	–	–	4	7	15	18	44
I27 Other pulmonary heart diseases	M	1	–	–	–	–	–	–	4	6	5	16
	F	1	–	–	–	–	–	–	3	7	7	18
I31 Other diseases of pericardium	M	–	–	–	–	–	–	–	1	2	–	3
	F	–	–	–	–	–	–	1	–	1	1	3
I33 Acute and subacute endocarditis	M	–	–	–	–	–	–	2	5	3	1	11
	F	–	–	–	–	–	–	–	2	–	1	3
I34 Nonrheumatic mitral valve disorders	M	–	–	–	–	1	–	1	1	3	6	12
	F	–	–	–	–	–	–	2	1	5	9	17
I35 Nonrheumatic aortic valve disorders	M	–	–	–	–	1	–	1	4	22	26	54
	F	–	–	–	–	–	–	–	–	9	36	45
I38 Endocarditis	M	–	–	–	–	–	–	–	2	19	13	34
	F	–	–	–	–	–	–	–	2	8	27	37
I42 Cardiomyopathy	M	1	–	–	–	1	1	6	42	39	22	112
	F	1	–	–	–	–	–	2	10	22	18	53
I44 Atrioventricular and left bundle-branch block	M	–	–	–	–	–	–	–	–	–	1	1
	F	–	–	–	–	–	–	–	–	1	6	7
I46 Cardiac arrest	M	–	–	–	–	–	–	–	7	19	32	58
	F	–	–	–	–	–	–	–	4	19	45	68
I48 Atrial fibrillation and flutter	M	–	–	–	–	–	–	–	4	16	53	73
	F	–	–	–	–	–	–	–	1	20	106	127
I49 Other cardiac arrhythmias	M	–	–	–	–	–	–	4	3	10	19	36
	F	–	–	–	–	1	–	2	4	8	30	45
I50 Heart failure	M	–	–	–	–	1	–	–	13	71	215	300
	F	–	–	–	–	–	–	–	6	68	365	439
I51 Complications and ill-defined descriptions of heart disease	M	–	–	–	–	–	–	2	8	16	20	46
	F	–	–	–	–	–	–	1	2	9	39	51
I60 Subarachnoid hemorrhage	M	–	–	–	–	–	–	2	7	9	5	23
	F	–	–	–	–	–	–	8	24	12	8	52
I61 Intracerebral hemorrhage	M	–	–	–	–	–	–	3	21	54	37	115
	F	–	–	–	–	–	–	2	7	43	55	107
I62 Other nontraumatic intracranial hemorrhage	M	–	–	–	–	–	–	1	3	13	13	30
	F	–	–	–	–	–	–	1	4	13	11	29
I63 Cerebral infarction	M	–	–	–	–	–	–	–	7	23	31	61
	F	–	–	–	–	–	–	–	5	24	49	78

Note: Only causes with five or more deaths are shown.

APPENDIX 2 – *continued*

DETAILED CAUSE OF DEATH BY GENDER AND AGE

BRITISH COLUMBIA, 2000

ICD-10 Cause of Death	Gender	Age of Deceased (in Years) <1	1–4	5–9	10–14	15–19	20–24	25–44	45–64	65–79	80+	Total
I64 CVA, NOS	M	–	–	–	–	–	–	1	27	190	321	539
	F	–	–	–	–	–	–	–	10	179	659	848
I67 Other cerebrovascular diseases	M	–	–	–	–	–	–	–	4	15	11	30
	F	–	–	–	–	–	–	1	4	3	26	34
I69 Sequelae of cerebrovascular disease	M	–	–	–	–	–	–	–	4	46	70	120
	F	–	–	–	–	–	–	–	1	21	115	137
I70 Atherosclerosis	M	–	–	–	–	–	–	–	5	14	42	61
	F	–	–	–	–	–	–	–	–	15	54	69
I71 Aortic aneurysm and dissection	M	–	–	–	–	–	–	2	21	71	59	153
	F	–	–	–	–	–	1	–	5	41	54	101
I72 Other aneurysm	M	–	–	–	–	–	–	–	1	4	5	10
	F	–	–	–	–	–	–	1	1	2	2	6
I73 Other peripheral vascular diseases	M	–	–	–	–	–	–	–	1	18	24	43
	F	–	–	–	–	–	–	–	1	11	31	43
I74 Arterial embolism and thrombosis	M	–	–	–	–	–	–	–	–	4	2	6
	F	–	–	–	–	–	–	–	1	1	4	6
I77 Other disorders of arteries & arterioles	M	–	–	–	–	1	–	–	2	3	1	7
	F	–	–	–	–	–	–	1	1	3	1	6
I80 Phlebitis and thrombophlebitis	M	–	–	–	–	–	–	–	1	4	2	7
	F	–	–	–	–	–	–	–	1	2	9	12
I99 Other and unspecified disorders of circulatory system	M	–	–	–	–	–	–	–	–	2	1	3
	F	–	–	–	–	–	–	1	–	1	3	5
J11 Influenza, virus not identified	M	–	–	–	–	–	–	–	1	4	17	22
	F	–	–	–	–	–	–	–	–	6	47	53
J12 Viral pneumonia, NEC	M	–	–	–	–	–	–	–	1	1	1	3
	F	–	–	–	–	–	–	–	1	1	2	4
J13 Pneumonia due to streptococcus pneumoniae	M	–	–	–	–	–	–	–	1	–	–	1
	F	–	–	–	–	–	–	1	2	–	1	4
J15 Bacterial pneumonia, NEC	M	–	–	–	–	–	–	–	–	4	3	7
	F	–	–	–	–	–	–	–	–	2	1	3
J18 Pneumonia, organism unspecified	M	–	–	–	–	–	–	3	26	124	334	487
	F	–	–	–	–	–	2	2	15	85	455	559
J22 Unspecified acute lower respiratory infection	M	–	–	–	–	–	–	–	–	2	2	4
	F	–	–	–	–	–	–	–	–	1	5	6
J40 Bronchitis, not specified as acute or chronic	M	–	–	–	–	–	–	–	–	–	1	1
	F	–	–	–	–	–	–	–	–	–	9	9
J42 Unspecified chronic bronchitis	M	–	–	–	–	–	–	–	–	2	9	11
	F	–	–	–	–	–	–	–	–	1	3	4
J43 Emphysema	M	–	–	–	–	–	–	–	3	34	25	62
	F	–	–	–	–	–	–	–	2	25	16	43
J44 Other chronic obstructive pulmonary disease	M	–	–	–	–	–	–	–	36	244	297	577
	F	–	–	–	–	–	–	–	19	181	266	466
J45 Asthma	M	–	–	–	–	–	1	–	3	10	4	18
	F	–	–	–	–	–	–	3	4	6	14	27
J47 Bronchiectasis	M	–	–	–	–	–	–	–	–	2	3	5
	F	–	–	–	–	–	–	–	–	3	9	12
J69 Aspiration pneumonia due to solids and liquids	M	–	–	–	–	–	–	1	–	13	24	38
	F	–	–	–	–	–	–	–	3	3	26	32
J80 Adult respiratory distress syndrome	M	–	–	–	–	–	–	–	2	1	–	3
	F	–	–	–	–	–	–	1	2	1	–	4
J84 Other interstitial pulmonary diseases	M	–	–	–	–	–	–	5	9	34	33	81
	F	–	–	–	–	–	1	–	–	16	25	42
J86 Pyothorax	M	–	–	–	–	–	–	–	1	2	1	4
	F	–	–	–	–	–	–	–	1	–	1	2
J90 Pleural effusion, NEC	M	–	–	–	–	–	–	–	–	1	5	6
	F	–	–	–	–	–	–	–	–	2	2	4
J96 Respiratory failure, NEC	M	–	–	–	–	–	–	–	–	4	3	7
	F	–	–	–	–	–	–	–	–	4	13	17
J98 Other respiratory disorders	M	–	–	–	–	–	–	–	3	6	14	23
	F	–	–	–	–	–	–	–	3	5	21	29

Note: Only causes with five or more deaths are shown.

APPENDIX 2 – *continued*

DETAILED CAUSE OF DEATH BY GENDER AND AGE

BRITISH COLUMBIA, 2000

ICD-10 Cause of Death	Gender	Age of Deceased (in Years)										Total
		<1	1–4	5–9	10–14	15–19	20–24	25–44	45–64	65–79	80+	
G93 Other disorders of brain	**M**	–	–	–	–	–	–	2	2	10	3	17
	F	–	–	–	–	–	–	1	3	7	2	13
I05 Rheumatic mitral valve diseases	M	–	–	–	–	–	–	–	1	6	3	10
	F	–	–	–	–	–	–	–	–	6	10	16
I08 Multiple valve diseases	**M**	–	–	–	–	–	–	–	1	–	2	3
	F	–	–	–	–	–	–	–	1	3	2	6
I09 Other rheumatic heart diseases	M	–	–	–	–	–	–	–	–	3	3	6
	F	–	–	–	–	–	–	–	–	2	4	6
I10 Essential (primary) hypertension	**M**	–	–	–	–	–	–	–	1	6	14	21
	F	–	–	–	–	–	–	–	–	5	36	41
I11 Hypertensive heart disease	M	–	–	–	–	–	–	2	4	11	12	29
	F	–	–	–	–	–	–	–	–	7	40	47
I12 Hypertensive renal disease	**M**	–	–	–	–	–	–	–	1	10	6	17
	F	–	–	–	–	–	–	–	1	6	30	37
I13 Hypertensive heart and renal disease	M	–	–	–	–	–	–	1	–	1	2	4
	F	–	–	–	–	–	–	–	–	1	8	9
I20 Angina pectoris	**M**	–	–	–	–	–	–	–	–	3	3	6
	F	–	–	–	–	–	–	1	–	3	11	15
I21 Acute MI	M	–	–	–	–	–	–	26	226	596	558	1,406
	F	–	–	–	–	–	–	4	58	329	657	1,048
I24 Other acute ischemic heart diseases	**M**	–	–	–	–	–	–	–	6	7	3	16
	F	–	–	–	–	–	–	–	2	4	11	17
I25 Chronic ischemic heart disease	M	–	–	–	–	–	–	14	174	465	587	1,240
	F	–	–	–	–	–	–	7	41	218	795	1,061
I26 Pulmonary embolism	**M**	–	–	–	–	–	–	2	7	19	11	39
	F	–	–	–	–	–	–	4	7	15	18	44
I27 Other pulmonary heart diseases	M	1	–	–	–	–	–	–	4	6	5	16
	F	1	–	–	–	–	–	–	3	7	7	18
I31 Other diseases of pericardium	**M**	–	–	–	–	–	–	–	1	2	–	3
	F	–	–	–	–	–	–	1	–	1	1	3
I33 Acute and subacute endocarditis	M	–	–	–	–	–	–	2	5	3	1	11
	F	–	–	–	–	–	–	–	2	–	1	3
I34 Nonrheumatic mitral valve disorders	**M**	–	–	–	–	1	–	1	1	3	6	12
	F	–	–	–	–	–	–	2	1	5	9	17
I35 Nonrheumatic aortic valve disorders	M	–	–	–	–	1	–	1	4	22	26	54
	F	–	–	–	–	–	–	–	–	9	36	45
I38 Endocarditis	**M**	–	–	–	–	–	–	–	2	19	13	34
	F	–	–	–	–	–	–	–	2	8	27	37
I42 Cardiomyopathy	M	1	–	–	–	1	1	6	42	39	22	112
	F	1	–	–	–	–	–	2	10	22	18	53
I44 Atrioventricular and left bundle-branch block	**M**	–	–	–	–	–	–	–	–	–	1	1
	F	–	–	–	–	–	–	–	–	1	6	7
I46 Cardiac arrest	M	–	–	–	–	–	–	–	7	19	32	58
	F	–	–	–	–	–	–	–	4	19	45	68
I48 Atrial fibrillation and flutter	**M**	–	–	–	–	–	–	–	4	16	53	73
	F	–	–	–	–	–	–	–	1	20	106	127
I49 Other cardiac arrhythmias	M	–	–	–	–	–	–	4	3	10	19	36
	F	–	–	–	–	1	–	2	4	8	30	45
I50 Heart failure	**M**	–	–	–	–	1	–	–	13	71	215	300
	F	–	–	–	–	–	–	–	6	68	365	439
I51 Complications and ill-defined descriptions of heart disease	M	–	–	–	–	–	–	2	8	16	20	46
	F	–	–	–	–	–	–	1	2	9	39	51
I60 Subarachnoid hemorrhage	**M**	–	–	–	–	–	–	2	7	9	5	23
	F	–	–	–	–	–	–	8	24	12	8	52
I61 Intracerebral hemorrhage	M	–	–	–	–	–	–	3	21	54	37	115
	F	–	–	–	–	–	–	2	7	43	55	107
I62 Other nontraumatic intracranial hemorrhage	**M**	–	–	–	–	–	–	1	3	13	13	30
	F	–	–	–	–	–	–	1	4	13	11	29
I63 Cerebral infarction	M	–	–	–	–	–	–	–	7	23	31	61
	F	–	–	–	–	–	–	–	5	24	49	78

Note: Only causes with five or more deaths are shown.

APPENDIX 2 – *continued*

DETAILED CAUSE OF DEATH BY GENDER AND AGE

BRITISH COLUMBIA, 2000

ICD-10 Cause of Death	Gender	Age of Deceased (in Years)										Total
		<1	1–4	5–9	10–14	15–19	20–24	25–44	45–64	65–79	80+	
I64 CVA, NOS	M	–	–	–	–	–	–	1	27	190	321	539
	F	–	–	–	–	–	–	–	10	179	659	848
I67 Other cerebrovascular diseases	M	–	–	–	–	–	–	–	4	15	11	30
	F	–	–	–	–	–	–	1	4	3	26	34
I69 Sequelae of cerebrovascular disease	M	–	–	–	–	–	–	–	4	46	70	120
	F	–	–	–	–	–	–	–	1	21	115	137
I70 Atherosclerosis	M	–	–	–	–	–	–	–	5	14	42	61
	F	–	–	–	–	–	–	–	–	15	54	69
I71 Aortic aneurysm and dissection	M	–	–	–	–	–	–	2	21	71	59	153
	F	–	–	–	–	–	1	–	5	41	54	101
I72 Other aneurysm	M	–	–	–	–	–	–	–	1	4	5	10
	F	–	–	–	–	–	–	1	1	2	2	6
I73 Other peripheral vascular diseases	M	–	–	–	–	–	–	–	1	18	24	43
	F	–	–	–	–	–	–	–	1	11	31	43
I74 Arterial embolism and thrombosis	M	–	–	–	–	–	–	–	–	4	2	6
	F	–	–	–	–	–	–	–	1	1	4	6
I77 Other disorders of arteries & arterioles	M	–	–	–	–	1	–	–	2	3	1	7
	F	–	–	–	–	–	–	1	1	3	1	6
I80 Phlebitis and thrombophlebitis	M	–	–	–	–	–	–	–	1	4	2	7
	F	–	–	–	–	–	–	–	1	2	9	12
I99 Other and unspecified disorders of circulatory system	M	–	–	–	–	–	–	–	–	2	1	3
	F	–	–	–	–	–	–	1	–	1	3	5
J11 Influenza, virus not identified	M	–	–	–	–	–	–	–	1	4	17	22
	F	–	–	–	–	–	–	–	–	6	47	53
J12 Viral pneumonia, NEC	M	–	–	–	–	–	–	–	1	1	1	3
	F	–	–	–	–	–	–	–	1	1	2	4
J13 Pneumonia due to streptococcus pneumoniae	M	–	–	–	–	–	–	–	1	–	–	1
	F	–	–	–	–	–	–	1	2	–	1	4
J15 Bacterial pneumonia, NEC	M	–	–	–	–	–	–	–	–	4	3	7
	F	–	–	–	–	–	–	–	–	2	1	3
J18 Pneumonia, organism unspecified	M	–	–	–	–	–	–	3	26	124	334	487
	F	–	–	–	–	–	2	2	15	85	455	559
J22 Unspecified acute lower respiratory infection	M	–	–	–	–	–	–	–	–	2	2	4
	F	–	–	–	–	–	–	–	–	1	5	6
J40 Bronchitis, not specified as acute or chronic	M	–	–	–	–	–	–	–	–	–	1	1
	F	–	–	–	–	–	–	–	–	–	9	9
J42 Unspecified chronic bronchitis	M	–	–	–	–	–	–	–	–	2	9	11
	F	–	–	–	–	–	–	–	–	1	3	4
J43 Emphysema	M	–	–	–	–	–	–	–	3	34	25	62
	F	–	–	–	–	–	–	–	2	25	16	43
J44 Other chronic obstructive pulmonary disease	M	–	–	–	–	–	–	–	36	244	297	577
	F	–	–	–	–	–	–	–	19	181	266	466
J45 Asthma	M	–	–	–	–	–	1	–	3	10	4	18
	F	–	–	–	–	–	–	3	4	6	14	27
J47 Bronchiectasis	M	–	–	–	–	–	–	–	–	2	3	5
	F	–	–	–	–	–	–	–	–	3	9	12
J69 Aspiration pneumonia due to solids and liquids	M	–	–	–	–	–	–	1	–	13	24	38
	F	–	–	–	–	–	–	–	3	3	26	32
J80 Adult respiratory distress syndrome	M	–	–	–	–	–	–	–	2	1	–	3
	F	–	–	–	–	–	–	1	2	1	–	4
J84 Other interstitial pulmonary diseases	M	–	–	–	–	–	–	5	9	34	33	81
	F	–	–	–	–	–	1	–	–	16	25	42
J86 Pyothorax	M	–	–	–	–	–	–	–	1	2	1	4
	F	–	–	–	–	–	–	–	1	–	1	2
J90 Pleural effusion, NEC	M	–	–	–	–	–	–	–	–	1	5	6
	F	–	–	–	–	–	–	–	–	2	2	4
J96 Respiratory failure, NEC	M	–	–	–	–	–	–	–	–	4	3	7
	F	–	–	–	–	–	–	–	–	4	13	17
J98 Other respiratory disorders	M	–	–	–	–	–	–	–	3	6	14	23
	F	–	–	–	–	–	–	–	3	5	21	29

Note: Only causes with five or more deaths are shown.

APPENDIX 2 – *continued*

DETAILED CAUSE OF DEATH BY GENDER AND AGE

BRITISH COLUMBIA, 2000

ICD-10 Cause of Death	Gender	Age of Deceased (in Years)										Total
		<1	1–4	5–9	10–14	15–19	20–24	25–44	45–64	65–79	80+	
K20 Esophagitis	M	–	–	–	–	–	–	–	–	–	2	2
	F	–	–	–	–	–	–	–	1	1	1	3
K21 Gastro-esophageal reflux disease	M	–	–	–	–	–	–	–	–	2	2	4
	F	–	–	–	–	–	–	–	–	3	7	10
K22 Other diseases of esophagus	M	–	–	–	–	–	–	–	1	3	3	7
	F	–	–	–	–	–	–	–	–	3	5	8
K25 Gastric ulcer	M	–	–	–	–	–	–	1	1	2	4	8
	F	–	–	–	–	–	–	–	1	1	13	15
K26 Duodenal ulcer	M	–	–	–	–	–	–	–	1	11	10	22
	F	–	–	–	–	–	–	–	–	4	6	10
K27 Peptic ulcer	M	–	–	–	–	–	–	–	1	3	3	7
	F	–	–	–	–	–	–	–	–	2	8	10
K29 Gastritis and duodenitis	M	–	–	–	–	–	–	–	1	1	3	5
	F	–	–	–	–	–	–	–	–	–	4	4
K31 Other diseases of stomach and duodenum	M	–	–	–	–	–	–	–	–	–	4	4
	F	–	–	–	1	–	–	–	1	3	2	7
K40 Inguinal hernia	M	–	–	–	–	–	–	–	–	1	6	7
	F	–	–	–	–	–	–	–	–	–	–	–
K44 Diaphragmatic hernia	M	–	–	–	–	–	–	–	–	1	3	4
	F	–	–	–	–	–	–	–	–	2	8	10
K46 Unspecified abdominal hernia	M	–	–	–	–	–	–	–	–	1	2	3
	F	–	–	–	–	–	–	–	1	1	1	3
K50 Crohn's disease	M	–	–	–	–	–	–	–	–	1	–	1
	F	–	–	–	–	–	–	–	1	4	2	7
K52 Other noninfective gastroenteritis and colitis	M	–	–	–	–	–	–	–	1	1	6	8
	F	–	–	–	–	–	–	–	1	4	12	17
K55 Vascular disorders of intestine	M	–	–	–	–	–	–	1	3	16	11	31
	F	1	–	–	–	–	–	–	4	21	33	59
K56 Paralytic ileus and intestinal obstruction without hernia	M	–	–	–	–	–	–	–	2	8	17	27
	F	–	–	–	–	–	–	–	1	11	44	56
K57 Diverticular disease of intestine	M	–	–	–	–	–	–	1	–	4	10	15
	F	–	–	–	–	–	–	–	2	10	20	32
K59 Other functional intestinal disorders	M	–	–	–	–	–	–	–	–	1	2	3
	F	–	–	–	–	–	–	–	2	–	3	5
K62 Other diseases of anus and rectum	M	–	–	–	–	–	–	–	–	1	2	3
	F	–	–	–	–	–	–	–	1	1	1	3
K63 Other diseases of intestine	M	–	–	–	–	–	–	1	2	7	6	16
	F	–	–	–	–	–	–	2	2	8	4	16
K65 Peritonitis	M	–	–	–	–	–	–	–	–	3	5	8
	F	–	–	–	–	–	–	–	2	2	2	6
K70 Alcoholic liver disease	M	–	–	–	–	–	–	15	68	38	7	128
	F	–	–	–	–	–	–	7	28	14	2	51
K72 Hepatic failure	M	–	–	–	–	–	–	2	10	14	11	37
	F	–	–	–	–	–	–	3	5	9	5	22
K73 Chronic hepatitis, NOS	M	–	–	–	–	–	–	–	1	1	1	3
	F	–	–	–	–	–	–	–	1	2	1	4
K74 Fibrosis and cirrhosis of liver	M	–	–	–	–	–	–	–	27	27	2	56
	F	–	–	–	–	–	–	3	18	24	7	52
K76 Other diseases of liver	M	–	–	–	–	–	–	–	8	1	2	11
	F	–	–	–	–	–	–	–	2	1	2	5
K80 Cholelithiasis	M	–	–	–	–	–	–	–	2	2	4	8
	F	–	–	–	–	–	–	1	1	3	8	13
K81 Cholecystitis	M	–	–	–	–	–	–	–	–	4	3	7
	F	–	–	–	–	–	–	–	1	–	2	3
K83 Other diseases of biliary tract	M	–	–	–	–	–	–	–	2	4	1	7
	F	–	–	–	–	–	–	–	1	1	7	9
K85 Acute pancreatitis	M	–	–	–	–	–	–	1	3	3	5	12
	F	–	–	–	–	–	–	–	3	9	3	15
K86 Other diseases of pancreas	M	–	–	–	–	–	–	1	7	–	–	8
	F	–	–	–	–	–	–	–	–	–	2	2

Note: Only causes with five or more deaths are shown.

APPENDIX 2 – *continued*

DETAILED CAUSE OF DEATH BY GENDER AND AGE

BRITISH COLUMBIA, 2000

ICD-10 Cause of Death	Gender	Age of Deceased (in Years)										Total
		<1	1–4	5–9	10–14	15–19	20–24	25–44	45–64	65–79	80+	
K92 Other diseases of digestive system	M	–	–	–	–	–	–	–	8	19	40	67
	F	–	–	–	1	–	–	–	3	10	54	68
L03 Cellulitis	M	–	–	–	–	–	–	–	1	1	7	9
	F	–	–	–	–	–	–	–	–	1	6	7
L08 Other local infections of skin and subcutaneous tissue	M	–	–	–	–	–	–	–	–	–	1	1
	F	–	–	–	–	–	–	–	–	2	4	6
L89 Decubitus ulcer	M	–	–	–	–	–	–	–	1	–	3	4
	F	–	–	–	–	–	–	–	–	1	8	9
M06 Other rheumatoid arthritis	M	–	–	–	–	–	–	–	1	3	3	7
	F	–	–	–	–	–	–	–	2	7	17	26
M19 Other arthrosis	M	–	–	–	–	–	–	–	–	1	–	1
	F	–	–	–	–	–	–	–	–	–	6	6
M25 Other joint disorders, NEC	M	–	–	–	–	–	–	–	–	–	3	3
	F	–	–	–	–	–	–	–	–	1	1	2
M31 Other necrotizing vasculopathies	M	–	–	–	–	–	–	–	2	3	3	8
	F	–	–	–	–	–	–	–	–	5	2	7
M32 Systemic lupus erythematosus	M	–	–	–	–	–	–	–	–	–	1	1
	F	–	–	–	–	1	1	3	4	6	1	16
M34 Systemic sclerosis	M	–	–	–	–	–	–	–	1	1	–	2
	F	–	–	–	–	–	–	–	4	6	3	13
M35 Other systemic involvement of connective tissue	M	–	–	–	–	–	–	–	–	–	–	–
	F	–	–	–	–	–	–	–	–	2	3	5
M48 Other spondylopathies	M	–	–	–	–	–	–	–	–	2	1	3
	F	–	–	–	–	–	–	–	–	–	2	2
M80 Osteoporosis with pathological fracture	M	–	–	–	–	–	–	–	–	1	2	3
	F	–	–	–	–	–	–	–	–	4	16	20
M81 Osteoporosis without pathological fracture	M	–	–	–	–	–	–	–	–	–	–	–
	F	–	–	–	–	–	–	–	–	2	9	11
N05 Unspecified nephritic syndrome	M	–	–	–	–	–	–	–	–	1	1	2
	F	–	–	–	–	–	–	–	–	–	5	5
N12 Tubulo-interstitial nephritis, not specified as acute or chronic	M	–	–	–	–	–	–	–	–	–	1	1
	F	–	–	–	–	–	–	–	–	1	4	5
N15 Other renal tubulo-interstitial diseases	M	–	–	–	–	–	–	–	1	1	–	2
	F	–	–	–	–	–	–	–	–	–	3	3
N17 Acute renal failure	M	–	–	–	–	–	–	–	1	4	13	18
	F	–	–	–	–	–	–	–	–	5	9	14
N18 Chronic renal failure	M	–	–	–	–	–	–	2	2	18	19	41
	F	–	–	–	–	–	–	–	4	15	15	34
N19 Unspecified renal failure	M	–	–	–	–	–	–	1	8	35	51	95
	F	–	–	–	–	–	–	2	11	15	72	100
N28 Other disorders of kidney and ureter, NEC	M	–	–	–	–	–	–	1	2	1	1	5
	F	–	–	–	–	–	–	–	–	3	1	4
N39 Other disorders of urinary system	M	–	–	–	–	–	–	1	1	8	28	38
	F	–	–	–	–	–	–	–	–	7	60	67
N40 Prostatic hypertrophy	M	–	–	–	–	–	–	–	–	–	9	9
	F	–	–	–	–	–	–	–	–	–	–	–
P01 Fetus and newborn affected by maternal complications of pregnancy	M	8	–	–	–	–	–	–	–	–	–	8
	F	1	–	–	–	–	–	–	–	–	–	1
P02 Fetus & newborn affect by complications of placenta, cord and membranes	M	5	–	–	–	–	–	–	–	–	–	5
	F	7	–	–	–	–	–	–	–	–	–	7
P03 Fetus and newborn affected by other complications of labour and delivery	M	1	–	–	–	–	–	–	–	–	–	1
	F	4	–	–	–	–	–	–	–	–	–	4
P07 Disorders related to short gestation and low birth weight, NEC	M	7	–	–	–	–	–	–	–	–	–	7
	F	3	–	–	–	–	–	–	–	–	–	3
P22 Respiratory distress of newborn	M	5	–	–	–	–	–	–	–	–	–	5
	F	3	–	–	–	–	–	–	–	–	–	3
P36 Bacterial sepsis of newborn	M	3	–	–	–	–	–	–	–	–	–	3
	F	3	–	–	–	–	–	–	–	–	–	3
P52 Intracranial nontraumatic hemorrhage of fetus and newborn	M	3	–	–	–	–	–	–	–	–	–	3
	F	2	–	–	–	–	–	–	–	–	–	2

Note: Only causes with five or more deaths are shown.

APPENDIX 2 – *continued*

DETAILED CAUSE OF DEATH BY GENDER AND AGE

BRITISH COLUMBIA, 2000

ICD-10 Cause of Death	Gender	Age of Deceased (in Years)										Total
		<1	1–4	5–9	10–14	15–19	20–24	25–44	45–64	65–79	80+	
K20 **Esophagitis**	M	–	–	–	–	–	–	–	–	–	2	2
	F	–	–	–	–	–	–	–	1	1	1	3
K21 Gastro-esophageal reflux disease	M	–	–	–	–	–	–	–	–	2	2	4
	F	–	–	–	–	–	–	–	–	3	7	10
K22 **Other diseases of esophagus**	M	–	–	–	–	–	–	–	1	3	3	7
	F	–	–	–	–	–	–	–	–	3	5	8
K25 Gastric ulcer	M	–	–	–	–	–	–	1	1	2	4	8
	F	–	–	–	–	–	–	–	1	1	13	15
K26 **Duodenal ulcer**	M	–	–	–	–	–	–	–	1	11	10	22
	F	–	–	–	–	–	–	–	–	4	6	10
K27 Peptic ulcer	M	–	–	–	–	–	–	–	1	3	3	7
	F	–	–	–	–	–	–	–	–	2	8	10
K29 **Gastritis and duodenitis**	M	–	–	–	–	–	–	–	1	1	3	5
	F	–	–	–	–	–	–	–	–	–	4	4
K31 Other diseases of stomach and duodenum	M	–	–	–	–	–	–	–	–	–	4	4
	F	–	–	–	1	–	–	–	1	3	2	7
K40 **Inguinal hernia**	M	–	–	–	–	–	–	–	–	1	6	7
	F	–	–	–	–	–	–	–	–	–	–	–
K44 Diaphragmatic hernia	M	–	–	–	–	–	–	–	–	1	3	4
	F	–	–	–	–	–	–	–	–	2	8	10
K46 **Unspecified abdominal hernia**	M	–	–	–	–	–	–	–	–	1	2	3
	F	–	–	–	–	–	–	–	1	1	1	3
K50 Crohn's disease	M	–	–	–	–	–	–	–	–	1	–	1
	F	–	–	–	–	–	–	–	1	4	2	7
K52 **Other noninfective gastroenteritis and colitis**	M	–	–	–	–	–	–	–	1	1	6	8
	F	–	–	–	–	–	–	–	1	4	12	17
K55 Vascular disorders of intestine	M	–	–	–	–	–	–	1	3	16	11	31
	F	1	–	–	–	–	–	–	4	21	33	59
K56 **Paralytic ileus and intestinal obstruction without hernia**	M	–	–	–	–	–	–	–	2	8	17	27
	F	–	–	–	–	–	–	–	1	11	44	56
K57 Diverticular disease of intestine	M	–	–	–	–	–	–	1	–	4	10	15
	F	–	–	–	–	–	–	–	2	10	20	32
K59 **Other functional intestinal disorders**	M	–	–	–	–	–	–	–	–	1	2	3
	F	–	–	–	–	–	–	–	2	–	3	5
K62 Other diseases of anus and rectum	M	–	–	–	–	–	–	–	–	1	2	3
	F	–	–	–	–	–	–	–	1	1	1	3
K63 **Other diseases of intestine**	M	–	–	–	–	–	–	1	2	7	6	16
	F	–	–	–	–	–	–	2	2	8	4	16
K65 Peritonitis	M	–	–	–	–	–	–	–	–	3	5	8
	F	–	–	–	–	–	–	–	2	2	2	6
K70 **Alcoholic liver disease**	M	–	–	–	–	–	–	15	68	38	7	128
	F	–	–	–	–	–	–	7	28	14	2	51
K72 Hepatic failure	M	–	–	–	–	–	–	2	10	14	11	37
	F	–	–	–	–	–	–	3	5	9	5	22
K73 **Chronic hepatitis, NOS**	M	–	–	–	–	–	–	–	1	1	1	3
	F	–	–	–	–	–	–	–	1	2	1	4
K74 Fibrosis and cirrhosis of liver	M	–	–	–	–	–	–	–	27	27	2	56
	F	–	–	–	–	–	–	3	18	24	7	52
K76 **Other diseases of liver**	M	–	–	–	–	–	–	–	8	1	2	11
	F	–	–	–	–	–	–	–	2	1	2	5
K80 Cholelithiasis	M	–	–	–	–	–	–	–	2	2	4	8
	F	–	–	–	–	–	–	1	1	3	8	13
K81 **Cholecystitis**	M	–	–	–	–	–	–	–	–	4	3	7
	F	–	–	–	–	–	–	–	1	–	2	3
K83 Other diseases of biliary tract	M	–	–	–	–	–	–	–	2	4	1	7
	F	–	–	–	–	–	–	–	1	1	7	9
K85 **Acute pancreatitis**	M	–	–	–	–	–	–	1	3	3	5	12
	F	–	–	–	–	–	–	–	3	9	3	15
K86 Other diseases of pancreas	M	–	–	–	–	–	–	1	7	–	–	8
	F	–	–	–	–	–	–	–	–	–	2	2

Note: Only causes with five or more deaths are shown.

APPENDIX 2 – *continued*
DETAILED CAUSE OF DEATH BY GENDER AND AGE
BRITISH COLUMBIA, 2000

ICD-10 Cause of Death	Gender	Age of Deceased (in Years)										Total
		<1	1–4	5–9	10–14	15–19	20–24	25–44	45–64	65–79	80+	
K92 Other diseases of digestive system	**M**	–	–	–	–	–	–	–	8	19	40	67
	F	–	–	–	1	–	–	–	3	10	54	68
L03 Cellulitis	M	–	–	–	–	–	–	–	1	1	7	9
	F	–	–	–	–	–	–	–	–	1	6	7
L08 Other local infections of skin and subcutaneous tissue	M	–	–	–	–	–	–	–	–	–	1	1
	F	–	–	–	–	–	–	–	–	2	4	6
L89 Decubitus ulcer	M	–	–	–	–	–	–	–	1	–	3	4
	F	–	–	–	–	–	–	–	–	1	8	9
M06 Other rheumatoid arthritis	M	–	–	–	–	–	–	–	1	3	3	7
	F	–	–	–	–	–	–	–	2	7	17	26
M19 Other arthrosis	M	–	–	–	–	–	–	–	–	1	–	1
	F	–	–	–	–	–	–	–	–	–	6	6
M25 Other joint disorders, NEC	M	–	–	–	–	–	–	–	–	–	3	3
	F	–	–	–	–	–	–	–	–	1	1	2
M31 Other necrotizing vasculopathies	M	–	–	–	–	–	–	–	2	3	3	8
	F	–	–	–	–	–	–	–	–	5	2	7
M32 Systemic lupus erythematosus	M	–	–	–	–	–	–	–	–	–	1	1
	F	–	–	–	–	1	1	3	4	6	1	16
M34 Systemic sclerosis	M	–	–	–	–	–	–	–	1	1	–	2
	F	–	–	–	–	–	–	–	4	6	3	13
M35 Other systemic involvement of connective tissue	M	–	–	–	–	–	–	–	–	–	–	–
	F	–	–	–	–	–	–	–	–	2	3	5
M48 Other spondylopathies	M	–	–	–	–	–	–	–	–	2	1	3
	F	–	–	–	–	–	–	–	–	–	2	2
M80 Osteoporosis with pathological fracture	M	–	–	–	–	–	–	–	–	1	2	3
	F	–	–	–	–	–	–	–	–	4	16	20
M81 Osteoporosis without pathological fracture	M	–	–	–	–	–	–	–	–	–	–	–
	F	–	–	–	–	–	–	–	–	2	9	11
N05 Unspecified nephritic syndrome	M	–	–	–	–	–	–	–	–	1	1	2
	F	–	–	–	–	–	–	–	–	–	5	5
N12 Tubulo-interstitial nephritis, not specified as acute or chronic	M	–	–	–	–	–	–	–	–	–	1	1
	F	–	–	–	–	–	–	–	–	1	4	5
N15 Other renal tubulo-interstitial diseases	M	–	–	–	–	–	–	–	1	1	–	2
	F	–	–	–	–	–	–	–	–	–	3	3
N17 Acute renal failure	M	–	–	–	–	–	–	–	1	4	13	18
	F	–	–	–	–	–	–	–	–	5	9	14
N18 Chronic renal failure	M	–	–	–	–	–	–	2	2	18	19	41
	F	–	–	–	–	–	–	–	4	15	15	34
N19 Unspecified renal failure	M	–	–	–	–	–	–	1	8	35	51	95
	F	–	–	–	–	–	–	2	11	15	72	100
N28 Other disorders of kidney and ureter, NEC	M	–	–	–	–	–	–	1	2	1	1	5
	F	–	–	–	–	–	–	–	–	3	1	4
N39 Other disorders of urinary system	M	–	–	–	–	–	–	1	1	8	28	38
	F	–	–	–	–	–	–	–	–	7	60	67
N40 Prostatic hypertrophy	M	–	–	–	–	–	–	–	–	–	9	9
	F	–	–	–	–	–	–	–	–	–	–	–
P01 Fetus and newborn affected by maternal complications of pregnancy	M	8	–	–	–	–	–	–	–	–	–	8
	F	1	–	–	–	–	–	–	–	–	–	1
P02 Fetus & newborn affect by complications of placenta, cord and membranes	M	5	–	–	–	–	–	–	–	–	–	5
	F	7	–	–	–	–	–	–	–	–	–	7
P03 Fetus and newborn affected by other complications of labour and delivery	M	1	–	–	–	–	–	–	–	–	–	1
	F	4	–	–	–	–	–	–	–	–	–	4
P07 Disorders related to short gestation and low birth weight, NEC	M	7	–	–	–	–	–	–	–	–	–	7
	F	3	–	–	–	–	–	–	–	–	–	3
P22 Respiratory distress of newborn	M	5	–	–	–	–	–	–	–	–	–	5
	F	3	–	–	–	–	–	–	–	–	–	3
P36 Bacterial sepsis of newborn	M	3	–	–	–	–	–	–	–	–	–	3
	F	3	–	–	–	–	–	–	–	–	–	3
P52 Intracranial nontraumatic hemorrhage of fetus and newborn	M	3	–	–	–	–	–	–	–	–	–	3
	F	2	–	–	–	–	–	–	–	–	–	2

Note: Only causes with five or more deaths are shown.

APPENDIX 2 – *continued*

DETAILED CAUSE OF DEATH BY GENDER AND AGE

BRITISH COLUMBIA, 2000

ICD-10 Cause of Death	Gender	Age of Deceased (in Years)										Total
		<1	1–4	5–9	10–14	15–19	20–24	25–44	45–64	65–79	80+	
Q20 Congenital malformations of cardiac chambers and connections	M	3	–	–	–	–	–	–	–	–	–	3
	F	–	1	–	–	–	1	–	–	–	–	2
Q21 Congenital malformations of cardiac septa	M	1	1	–	–	–	–	–	–	–	–	2
	F	–	–	–	–	–	1	3	2	–	–	6
Q24 Other congenital malformations of heart	M	2	2	–	–	–	–	3	–	–	–	7
	F	2	–	–	1	–	–	2	1	–	–	6
Q28 Other congenital malformations of circulatory system	M	–	–	–	–	–	–	1	1	2	–	4
	F	–	–	–	–	–	–	1	3	1	3	8
Q33 Congenital malformations of lung	M	3	–	–	–	–	–	–	–	–	–	3
	F	4	–	–	–	–	–	–	–	–	–	4
Q61 Cystic kidney disease	M	1	–	–	–	–	–	–	–	–	2	3
	F	–	–	–	–	–	–	–	–	2	1	3
Q87 Other specified malformation syndromes affecting multiple systems	M	–	–	–	3	–	–	–	–	–	1	4
	F	–	–	1	–	–	–	–	1	–	–	2
Q90 Down's syndrome	M	1	–	–	1	–	–	1	–	–	–	3
	F	1	–	–	–	–	–	–	2	1	–	4
R09 Other symptoms and signs involving the circulatory and respiratory systems	M	1	–	–	–	–	–	–	1	1	6	9
	F	–	–	–	–	–	–	–	–	1	17	18
R53 Malaise and fatigue	M	–	–	–	–	–	–	–	–	–	4	4
	F	–	–	–	–	–	–	–	–	1	11	12
R54 Senility	M	–	–	–	–	–	–	–	–	1	7	8
	F	–	–	–	–	–	–	–	–	–	35	35
R56 Convulsions, NOS	M	–	–	–	–	–	–	3	1	1	–	5
	F	–	–	1	–	–	–	1	1	1	–	4
R68 Other general symptoms and signs	M	–	–	–	–	–	–	–	–	–	–	–
	F	–	–	–	–	–	–	–	–	1	6	7
R95 Sudden infant death syndrome	M	7	–	–	–	–	–	–	–	–	–	7
	F	2	–	–	–	–	–	–	–	–	–	2
R99 Other ill-defined and unspecified causes of mortality	M	8	2	–	1	17	29	135	136	69	38	435
	F	2	2	1	1	7	11	55	63	31	35	208
V03 Pedestrian injured in collision with car, pick-up truck or van	M	–	–	–	–	1	–	–	–	1	–	2
	F	–	–	–	–	1	–	2	–	2	–	5
V05 Pedestrian injured in collision with railway train or vehicle	M	–	–	–	–	–	1	1	1	–	–	3
	F	–	–	–	–	–	–	1	–	1	–	2
V09 Pedestrian injured in other and unspecified transport accident	M	–	2	–	1	–	–	3	4	4	1	15
	F	–	–	–	1	2	–	2	2	2	4	13
V23 Motorcycle rider injured in collision with car, pick-up truck or van	M	–	–	–	–	1	–	3	–	1	–	5
	F	–	–	–	–	–	–	–	–	–	–	–
V28 Motorcycle rider injured in noncollision transport accident	M	–	–	–	–	–	1	2	2	–	–	5
	F	–	–	–	–	–	–	–	–	–	–	–
V29 Motorcycle rider injured in other and unspecified transport accidents	M	–	–	–	–	–	1	4	–	–	–	5
	F	–	–	–	–	–	–	2	1	–	–	3
V43 Car occupant injured in collision with car, pick-up truck or van	M	–	–	–	–	1	–	2	–	–	–	3
	F	–	–	–	–	–	3	–	–	1	–	4
V48 Car occupant injured in noncollision transport	M	–	–	–	–	3	–	3	1	1	–	8
	F	–	–	–	–	2	–	–	–	1	–	3
V49 Car occupant injured in other and unspecified transport accidents	M	–	–	–	–	–	1	1	–	–	–	2
	F	–	–	–	–	–	1	–	1	1	1	4
V58 Occupant of pick-up truck or van injured in noncollision transport accident	M	–	–	–	–	4	–	–	4	–	–	8
	F	–	–	–	–	–	–	1	–	–	–	1
V68 Occupant of heavy transport vehicle injured in noncollision transport accident	M	–	–	–	–	–	–	3	4	–	–	7
	F	–	–	–	–	–	–	–	–	–	–	–
V86 Occupant of special all-terrain or other motor vehicle designed primarily for off-road use, injured in transport accident	M	–	–	1	1	1	–	6	–	–	–	9
	F	–	–	–	–	–	–	–	–	–	–	–
V87 Traffic of specified type but victim's mode of transport unknown	M	–	–	–	–	8	8	17	19	8	5	65
	F	–	–	2	–	7	1	7	7	9	5	38
V89 Motor- or nonmotor-vehicle, type of vehicle unspecified	M	–	–	–	–	14	11	22	16	8	2	73
	F	–	1	1	–	2	6	8	4	3	1	26
V90 Accident to watercraft causing drowning and submersion	M	–	–	–	–	3	–	2	1	–	–	6
	F	–	–	–	–	–	1	–	–	–	–	1

Note: Only causes with five or more deaths are shown.

APPENDIX 2 – *continued*

DETAILED CAUSE OF DEATH BY GENDER AND AGE

BRITISH COLUMBIA, 2000

ICD-10 Cause of Death	Gender	Age of Deceased (in Years)										Total
		<1	1–4	5–9	10–14	15–19	20–24	25–44	45–64	65–79	80+	
V95 Accident to powered aircraft causing injury to occupant	**M**	–	–	–	–	–	–	4	5	–	1	10
	F	–	–	–	–	–	–	–	–	–	–	–
W01 Fall on same level from slipping, tripping and stumbling	M	–	–	–	–	–	–	–	–	–	3	3
	F	–	–	–	–	–	–	–	–	1	5	6
W02 Fall involving ice-skates, skis, roller-skates or skateboards	**M**	–	–	–	–	–	1	–	1	–	–	2
	F	–	–	–	–	–	–	–	1	–	2	3
W06 Fall involving bed	M	–	–	–	–	–	–	–	–	1	–	1
	F	–	–	–	–	–	–	–	–	–	6	6
W10 Fall on and from stairs and steps	**M**	–	–	–	–	–	–	–	4	3	2	9
	F	–	–	–	–	–	–	–	2	1	5	8
W11 Fall on and from ladder	M	–	–	–	–	–	–	–	2	3	1	6
	F	–	–	–	–	–	–	–	–	–	–	–
W15 Fall from cliff	**M**	–	–	–	–	2	–	2	1	–	–	5
	F	–	–	–	–	–	–	–	1	–	–	1
W16 Diving or jumping into water causing injury other than drowning or submersion	M	–	–	–	–	–	–	–	1	1	1	3
	F	–	–	–	–	2	–	–	–	–	1	3
W17 Other fall from one level to another	**M**	–	1	–	–	–	1	1	3	–	1	7
	F	–	–	–	–	–	–	1	–	–	–	1
W18 Other fall on same level	M	–	–	–	–	–	–	–	–	2	1	3
	F	–	–	–	–	–	–	–	–	–	3	3
W19 Unspecified fall	**M**	–	–	–	–	–	–	2	9	18	48	77
	F	–	–	–	–	1	–	–	3	20	92	116
W20 Struck by thrown, projected or falling object	M	–	–	–	–	–	–	7	6	1	–	14
	F	–	–	–	–	–	–	–	1	–	–	1
W34 Discharge from other and unspecified firearms	**M**	–	–	–	–	–	1	1	2	1	–	5
	F	–	–	–	–	–	–	–	–	–	–	–
W69 Drowning and submersion while in natural water	M	–	1	–	1	2	1	4	5	2	–	16
	F	–	–	–	1	–	–	–	–	–	–	1
W70 Drowning and submersion following fall into natural water	**M**	–	–	–	–	–	1	–	2	–	–	3
	F	–	–	–	–	–	1	1	–	1	–	3
W74 Unspecified drowning and submersion	M	–	–	–	–	–	1	4	1	2	1	9
	F	–	1	–	–	–	–	–	1	–	–	2
W76 Other accidental hanging and strangulation	**M**	–	–	–	–	–	2	3	1	–	–	6
	F	–	–	–	–	–	–	–	–	–	1	1
W79 Inhalation and ingestion of food causing obstruction of respiratory tract	M	–	–	–	–	–	–	–	1	2	1	4
	F	–	–	–	–	–	–	–	1	4	2	7
W80 Inhalation and ingestion of other objects causing obstruction of respiratory tract	**M**	–	–	–	–	–	–	–	–	3	5	8
	F	–	–	–	–	–	–	–	1	1	4	6
W84 Unspecified threat to breathing	M	–	–	–	–	–	–	–	1	–	–	1
	F	1	–	–	–	–	–	–	–	1	2	4
X00 Exposure to uncontrolled fire in building or structure	**M**	–	–	–	2	2	–	2	4	1	2	13
	F	1	–	1	–	–	–	3	1	1	3	10
X41 Accidental poisoning by and exposure to antiepileptic, sedative-hypnotic, anti-parkinsonism & psychotropic drugs, NEC	M	–	–	–	–	–	–	4	1	–	–	5
	F	–	–	–	–	–	–	1	2	1	–	4
X42 Accidental poisoning by & exposure to narcotics and psychodysleptics [hallucinogens], NEC	**M**	–	–	–	–	3	4	89	37	2	–	135
	F	–	–	–	–	–	3	22	7	–	–	32
X44 Accidental poisoning by and exposure to other and unspecified drugs, medicaments and biological substances	M	–	–	–	–	–	2	13	3	–	–	18
	F	–	–	–	–	1	–	15	4	1	–	21
X45 Accidental poisoning by and exposure to alcohol	**M**	–	–	–	–	–	–	5	3	–	–	8
	F	–	–	–	–	–	–	–	1	–	–	1
X59 Exposure to unspecified factor	M	–	–	–	–	–	–	–	3	4	9	16
	F	–	–	–	–	–	–	–	1	3	7	11
X61 Suicide by antiepileptic, sedative-hypnotic, antiparkinsonism and psychotropic drugs, NEC	**M**	–	–	–	–	–	–	5	4	1	–	10
	F	–	–	–	–	–	–	4	3	3	–	10
X62 Suicide by narcotics and psychodysleptics [hallucinogens], NEC	M	–	–	–	–	–	2	2	7	1	–	12
	F	–	–	–	–	–	–	2	–	1	–	3

Note: Only causes with five or more deaths are shown.

APPENDIX 2 – *continued*

DETAILED CAUSE OF DEATH BY GENDER AND AGE

BRITISH COLUMBIA, 2000

ICD-10 Cause of Death	Gender	Age of Deceased (in Years) <1	1–4	5–9	10–14	15–19	20–24	25–44	45–64	65–79	80+	Total
Q20 Congenital malformations of cardiac chambers and connections	M	3	–	–	–	–	–	–	–	–	–	3
	F	–	1	–	–	–	1	–	–	–	–	2
Q21 Congenital malformations of cardiac septa	M	1	1	–	–	–	–	–	–	–	–	2
	F	–	–	–	–	–	1	3	2	–	–	6
Q24 Other congenital malformations of heart	M	2	2	–	–	–	–	3	–	–	–	7
	F	2	–	–	1	–	–	2	1	–	–	6
Q28 Other congenital malformations of circulatory system	M	–	–	–	–	–	–	1	1	2	–	4
	F	–	–	–	–	–	–	1	3	1	3	8
Q33 Congenital malformations of lung	M	3	–	–	–	–	–	–	–	–	–	3
	F	4	–	–	–	–	–	–	–	–	–	4
Q61 Cystic kidney disease	M	1	–	–	–	–	–	–	–	–	2	3
	F	–	–	–	–	–	–	–	–	2	1	3
Q87 Other specified malformation syndromes affecting multiple systems	M	–	–	–	3	–	–	–	–	–	1	4
	F	–	–	1	–	–	–	–	1	–	–	2
Q90 Down's syndrome	M	1	–	–	1	–	–	1	–	–	–	3
	F	1	–	–	–	–	–	–	2	1	–	4
R09 Other symptoms and signs involving the circulatory and respiratory systems	M	1	–	–	–	–	–	–	1	1	6	9
	F	–	–	–	–	–	–	–	–	1	17	18
R53 Malaise and fatigue	M	–	–	–	–	–	–	–	–	–	4	4
	F	–	–	–	–	–	–	–	–	1	11	12
R54 Senility	M	–	–	–	–	–	–	–	–	1	7	8
	F	–	–	–	–	–	–	–	–	–	35	35
R56 Convulsions, NOS	M	–	–	–	–	–	–	3	1	1	–	5
	F	–	–	1	–	–	–	1	1	1	–	4
R68 Other general symptoms and signs	M	–	–	–	–	–	–	–	–	–	–	–
	F	–	–	–	–	–	–	–	–	1	6	7
R95 Sudden infant death syndrome	M	7	–	–	–	–	–	–	–	–	–	7
	F	2	–	–	–	–	–	–	–	–	–	2
R99 Other ill-defined and unspecified causes of mortality	M	8	2	–	1	17	29	135	136	69	38	435
	F	2	2	1	1	7	11	55	63	31	35	208
V03 Pedestrian injured in collision with car, pick-up truck or van	M	–	–	–	–	1	–	–	–	1	–	2
	F	–	–	–	–	1	–	2	–	2	–	5
V05 Pedestrian injured in collision with railway train or vehicle	M	–	–	–	–	–	1	1	1	–	–	3
	F	–	–	–	–	–	–	1	–	1	–	2
V09 Pedestrian injured in other and unspecified transport accident	M	–	2	–	1	–	–	3	4	4	1	15
	F	–	–	–	1	2	–	2	2	2	4	13
V23 Motorcycle rider injured in collision with car, pick-up truck or van	M	–	–	–	–	1	–	3	–	1	–	5
	F	–	–	–	–	–	–	–	–	–	–	–
V28 Motorcycle rider injured in noncollision transport accident	M	–	–	–	–	–	1	2	2	–	–	5
	F	–	–	–	–	–	–	–	–	–	–	–
V29 Motorcycle rider injured in other and unspecified transport accidents	M	–	–	–	–	–	1	4	–	–	–	5
	F	–	–	–	–	–	–	2	1	–	–	3
V43 Car occupant injured in collision with car, pick-up truck or van	M	–	–	–	–	1	–	2	–	–	–	3
	F	–	–	–	–	–	3	–	–	1	–	4
V48 Car occupant injured in noncollision transport	M	–	–	–	–	3	–	3	1	1	–	8
	F	–	–	–	–	2	–	–	–	1	–	3
V49 Car occupant injured in other and unspecified transport accidents	M	–	–	–	–	–	1	1	–	–	–	2
	F	–	–	–	–	–	1	–	1	1	1	4
V58 Occupant of pick-up truck or van injured in noncollision transport accident	M	–	–	–	–	4	–	–	4	–	–	8
	F	–	–	–	–	–	–	1	–	–	–	1
V68 Occupant of heavy transport vehicle injured in noncollision transport accident	M	–	–	–	–	–	–	3	4	–	–	7
	F	–	–	–	–	–	–	–	–	–	–	–
V86 Occupant of special all-terrain or other motor vehicle designed primarily for off-road use, injured in transport accident	M	–	–	1	1	1	–	6	–	–	–	9
	F	–	–	–	–	–	–	–	–	–	–	–
V87 Traffic of specified type but victim's mode of transport unknown	M	–	–	–	–	8	8	17	19	8	5	65
	F	–	–	2	–	7	1	7	7	9	5	38
V89 Motor- or nonmotor-vehicle, type of vehicle unspecified	M	–	–	–	–	14	11	22	16	8	2	73
	F	–	1	1	–	2	6	8	4	3	1	26
V90 Accident to watercraft causing drowning and submersion	M	–	–	–	–	3	–	2	1	–	–	6
	F	–	–	–	–	–	1	–	–	–	–	1

Note: Only causes with five or more deaths are shown.

APPENDIX 2 – *continued*

DETAILED CAUSE OF DEATH BY GENDER AND AGE

BRITISH COLUMBIA, 2000

ICD-10 Cause of Death	Gender	Age of Deceased (in Years)										Total
		<1	1–4	5–9	10–14	15–19	20–24	25–44	45–64	65–79	80+	
V95 Accident to powered aircraft causing injury to occupant	M	–	–	–	–	–	–	4	5	–	1	10
	F	–	–	–	–	–	–	–	–	–	–	–
W01 Fall on same level from slipping, tripping and stumbling	M	–	–	–	–	–	–	–	–	–	3	3
	F	–	–	–	–	–	–	–	–	1	5	6
W02 Fall involving ice-skates, skis, roller-skates or skateboards	M	–	–	–	–	–	1	–	1	–	–	2
	F	–	–	–	–	–	–	–	1	–	2	3
W06 Fall involving bed	M	–	–	–	–	–	–	–	–	1	–	1
	F	–	–	–	–	–	–	–	–	–	6	6
W10 Fall on and from stairs and steps	M	–	–	–	–	–	–	–	4	3	2	9
	F	–	–	–	–	–	–	–	2	1	5	8
W11 Fall on and from ladder	M	–	–	–	–	–	–	–	2	3	1	6
	F	–	–	–	–	–	–	–	–	–	–	–
W15 Fall from cliff	M	–	–	–	–	2	–	2	1	–	–	5
	F	–	–	–	–	–	–	–	1	–	–	1
W16 Diving or jumping into water causing injury other than drowning or submersion	M	–	–	–	–	–	–	–	1	1	1	3
	F	–	–	–	–	2	–	–	–	–	1	3
W17 Other fall from one level to another	M	–	1	–	–	–	1	1	3	–	1	7
	F	–	–	–	–	–	–	1	–	–	–	1
W18 Other fall on same level	M	–	–	–	–	–	–	–	–	2	1	3
	F	–	–	–	–	–	–	–	–	–	3	3
W19 Unspecified fall	M	–	–	–	–	–	–	2	9	18	48	77
	F	–	–	–	–	1	–	–	3	20	92	116
W20 Struck by thrown, projected or falling object	M	–	–	–	–	–	–	7	6	1	–	14
	F	–	–	–	–	–	–	–	1	–	–	1
W34 Discharge from other and unspecified firearms	M	–	–	–	–	–	1	1	2	1	–	5
	F	–	–	–	–	–	–	–	–	–	–	–
W69 Drowning and submersion while in natural water	M	–	1	–	1	2	1	4	5	2	–	16
	F	–	–	–	1	–	–	–	–	–	–	1
W70 Drowning and submersion following fall into natural water	M	–	–	–	–	–	1	–	2	–	–	3
	F	–	–	–	–	–	1	1	–	1	–	3
W74 Unspecified drowning and submersion	M	–	–	–	–	–	1	4	1	2	1	9
	F	–	1	–	–	–	–	–	1	–	–	2
W76 Other accidental hanging and strangulation	M	–	–	–	–	–	2	3	1	–	–	6
	F	–	–	–	–	–	–	–	–	–	1	1
W79 Inhalation and ingestion of food causing obstruction of respiratory tract	M	–	–	–	–	–	–	–	1	2	1	4
	F	–	–	–	–	–	–	–	1	4	2	7
W80 Inhalation and ingestion of other objects causing obstruction of respiratory tract	M	–	–	–	–	–	–	–	–	3	5	8
	F	–	–	–	–	–	–	–	1	1	4	6
W84 Unspecified threat to breathing	M	–	–	–	–	–	–	–	1	–	–	1
	F	1	–	–	–	–	–	–	–	1	2	4
X00 Exposure to uncontrolled fire in building or structure	M	–	–	–	2	2	–	2	4	1	2	13
	F	1	–	1	–	–	–	3	1	1	3	10
X41 Accidental poisoning by and exposure to antiepileptic, sedative-hypnotic, antiparkinsonism & psychotropic drugs, NEC	M	–	–	–	–	–	–	4	1	–	–	5
	F	–	–	–	–	–	–	1	2	1	–	4
X42 Accidental poisoning by & exposure to narcotics and psychodysleptics [hallucinogens], NEC	M	–	–	–	–	3	4	89	37	2	–	135
	F	–	–	–	–	–	3	22	7	–	–	32
X44 Accidental poisoning by and exposure to other and unspecified drugs, medicaments and biological substances	M	–	–	–	–	–	2	13	3	–	–	18
	F	–	–	–	–	1	–	15	4	1	–	21
X45 Accidental poisoning by and exposure to alcohol	M	–	–	–	–	–	–	5	3	–	–	8
	F	–	–	–	–	–	–	–	1	–	–	1
X59 Exposure to unspecified factor	M	–	–	–	–	–	–	–	3	4	9	16
	F	–	–	–	–	–	–	–	1	3	7	11
X61 Suicide by antiepileptic, sedative-hypnotic, antiparkinsonism and psychotropic drugs, NEC	M	–	–	–	–	–	–	5	4	1	–	10
	F	–	–	–	–	–	–	4	3	3	–	10
X62 Suicide by narcotics and psychodysleptics [hallucinogens], NEC	M	–	–	–	–	–	2	2	7	1	–	12
	F	–	–	–	–	–	–	2	–	1	–	3

Note: Only causes with five or more deaths are shown.

APPENDIX 2 – *continued*

DETAILED CAUSE OF DEATH BY GENDER AND AGE

BRITISH COLUMBIA, 2000

ICD-10	Cause of Death	Gender	Age of Deceased (in Years)										Total
			<1	1–4	5–9	10–14	15–19	20–24	25–44	45–64	65–79	80+	
X64	**Suicide by other and unspecified drugs, medicaments and biological substances**	**M**	**–**	**–**	**–**	**–**	**–**	**–**	**4**	**4**	**1**	**1**	**10**
		F	**–**	**–**	**–**	**–**	**–**	**–**	**3**	**6**	**1**	**2**	**12**
X67	Suicide by other gases and vapours	M	–	–	–	–	1	2	20	3	1	3	30
		F	–	–	–	–	–	–	2	3	1	1	7
X70	**Suicide by hanging, strangulation and suffocation**	**M**	**–**	**–**	**–**	**–**	**8**	**13**	**46**	**15**	**9**	**2**	**93**
		F	**–**	**–**	**–**	**3**	**4**	**3**	**8**	**6**	**3**	**1**	**28**
X71	Suicide by drowning and submersion	M	–	–	–	–	–	–	2	2	–	–	4
		F	–	–	–	–	–	–	1	–	2	–	3
X74	**Suicide by other and unspecified firearm discharge**	**M**	**–**	**–**	**–**	**1**	**4**	**3**	**18**	**22**	**5**	**4**	**57**
		F	**–**	**–**	**–**	**–**	**1**	**–**	**1**	**1**	**–**	**–**	**3**
X78	Suicide by sharp object	M	–	–	–	–	–	–	1	1	1	1	4
		F	–	–	–	–	–	–	–	2	–	–	2
X80	**Suicide by jumping from a high place**	**M**	**–**	**–**	**–**	**1**	**1**	**4**	**9**	**5**	**1**	**–**	**21**
		F	**–**	**–**	**–**	**–**	**–**	**–**	**3**	**1**	**1**	**–**	**5**
X81	Suicide by jumping or lying before moving object	M	–	–	–	–	–	–	3	2	–	–	5
		F	–	–	–	–	–	–	1	1	–	–	2
X95	**Assault by other and unspecified firearm discharge**	**M**	**–**	**–**	**–**	**–**	**–**	**2**	**5**	**1**	**–**	**–**	**8**
		F	**–**	**–**	**–**	**–**	**1**	**–**	**1**	**1**	**–**	**–**	**3**
X99	Assault by sharp object	M	–	–	–	–	2	1	2	2	–	–	7
		F	–	–	–	–	–	–	–	–	–	–	–
Y09	**Assault by unspecified means**	**M**	**–**	**–**	**–**	**–**	**1**	**–**	**2**	**–**	**1**	**1**	**5**
		F	**–**	**–**	**–**	**2**	**–**	**–**	**–**	**1**	**–**	**–**	**3**
Y83	Surg op & procedure as the cause of abn reaction or of later complication, without misadventure	M	–	–	–	–	–	–	1	–	3	3	7
		F	–	–	–	–	–	–	–	1	–	1	2
Y85	**Sequelae of transport accidents**	**M**	**–**	**–**	**–**	**–**	**–**	**–**	**1**	**2**	**–**	**1**	**4**
		F	**–**	**–**	**–**	**–**	**–**	**–**	**2**	**1**	**1**	**–**	**4**
	Total Deaths	**M**	**86**	**17**	**8**	**17**	**98**	**119**	**851**	**2,487**	**5,215**	**5,178**	**14,076**
		F	**62**	**6**	**11**	**16**	**48**	**47**	**444**	**1,576**	**3,778**	**7,207**	**13,197**

Note: The output from ICD-10 mortality coding and underlying cause of death selection was modified in British Columbia to reflect the intent of certifiers in this jurisdiction and to provide greater continuity over time. Data using the standard ICD-10 rules for such categories as pneumonia/influenza, diabetes, or cancer should not be compared to the numbers shown above. Causes with less than five deaths are not shown separately, but are included in the total. Non-residents and unknown gender are excluded.

APPENDIX 2 – *continued*

DETAILED CAUSE OF DEATH BY GENDER AND AGE

BRITISH COLUMBIA, 2000

ICD-10 Cause of Death	Gender	Age of Deceased (in Years)										Total
		<1	1–4	5–9	10–14	15–19	20–24	25–44	45–64	65–79	80+	
X64 Suicide by other and unspecified drugs, medicaments and biological substances	**M**	–	–	–	–	–	–	**4**	**4**	**1**	**1**	**10**
	F	–	–	–	–	–	–	**3**	**6**	**1**	**2**	**12**
X67 Suicide by other gases and vapours	M	–	–	–	–	1	2	20	3	1	3	30
	F	–	–	–	–	–	–	2	3	1	1	7
X70 Suicide by hanging, strangulation and suffocation	**M**	–	–	–	–	**8**	**13**	**46**	**15**	**9**	**2**	**93**
	F	–	–	–	**3**	**4**	**3**	**8**	**6**	**3**	**1**	**28**
X71 Suicide by drowning and submersion	M	–	–	–	–	–	–	2	2	–	–	4
	F	–	–	–	–	–	–	1	–	2	–	3
X74 Suicide by other and unspecified firearm discharge	**M**	–	–	–	**1**	**4**	**3**	**18**	**22**	**5**	**4**	**57**
	F	–	–	–	–	**1**	–	**1**	**1**	–	–	**3**
X78 Suicide by sharp object	M	–	–	–	–	–	–	1	1	1	1	4
	F	–	–	–	–	–	–	–	2	–	–	2
X80 Suicide by jumping from a high place	**M**	–	–	–	**1**	**1**	**4**	**9**	**5**	**1**	–	**21**
	F	–	–	–	–	–	–	**3**	**1**	**1**	–	**5**
X81 Suicide by jumping or lying before moving object	M	–	–	–	–	–	–	3	2	–	–	5
	F	–	–	–	–	–	–	1	1	–	–	2
X95 Assault by other and unspecified firearm discharge	**M**	–	–	–	–	–	**2**	**5**	**1**	–	–	**8**
	F	–	–	–	–	**1**	–	**1**	**1**	–	–	**3**
X99 Assault by sharp object	M	–	–	–	–	2	1	2	2	–	–	7
	F	–	–	–	–	–	–	–	–	–	–	–
Y09 Assault by unspecified means	**M**	–	–	–	–	**1**	–	**2**	–	**1**	**1**	**5**
	F	–	–	–	**2**	–	–	–	**1**	–	–	**3**
Y83 Surg op & procedure as the cause of abn reaction or of later complication, without misadventure	M	–	–	–	–	–	–	1	–	3	3	7
	F	–	–	–	–	–	–	–	1	–	1	2
Y85 Sequelae of transport accidents	**M**	–	–	–	–	–	–	**1**	**2**	–	**1**	**4**
	F	–	–	–	–	–	–	**2**	**1**	**1**	–	**4**
Total Deaths	**M**	**86**	**17**	**8**	**17**	**98**	**119**	**851**	**2,487**	**5,215**	**5,178**	**14,076**
	F	**62**	**8**	**11**	**16**	**48**	**47**	**444**	**1,576**	**3,778**	**7,207**	**13,197**

Note: The output from ICD-10 mortality coding and underlying cause of death selection was modified in British Columbia to reflect the intent of certifiers in this jurisdiction and to provide greater continuity over time. Data using the standard ICD-10 rules for such categories as pneumonia/influenza, diabetes, or cancer should not be compared to the numbers shown above. Causes with less than five deaths are not shown separately, but are included in the total. Non-residents and unknown gender are excluded.

Appendix 3

HEALTH STATUS INDICATOR
ELECTRONIC DATA ORDER FORM

Preamble to Appendix 3

The Health Status Indicator Electronic Data Order Form, can be used to order copies of the data used to produce this report. A number of files are available for single years 1996 through 2000, and aggregated for years 1996–2000. The file format descriptions provided indicate the field columns, length, and information stored in that field. In each file, data for the diagnostic group requested is aggregated by these fields.

In death data, the "all causes of death" file includes data for each major diagnostic and all sub-diagnostic codes. The files by major diagnosis include data for the relevant sub-diagnoses. Readers wanting to order data are advised to contact the Information and Resource Management Branch of the British Columbia Vital Statistics Agency at the telephone or fax numbers shown on the order form.

BIRTH DATA, SINGLE YEAR – RECORD LAYOUT

COLUMNS	LENGTH	INFORMATION
1	1	"B" – for Birth
2–5	4	Birth year (19xx, where xx = 96,…,00)
6–8	3	Geographical area – "LHA" or "HR"
9–10	2	Geographical area – HR number
11	1	Gender (1 = Male, 2 = Female, 9 = Unknown)
12	1	Place of birth (1 = Hospital, 2 = Non-hospital, 9 = Unknown)
13–14	2	Mother's Age Group (01 = less than 15 years, 02 = 15–17 years, 03 = 18–19 years, 04 = 20–24 years,…, 09 = 45+ years)
15	1	Birth Weight Group (1 = less than 1500 gms, 2 = 1500–2499 gms, 3 = 2500–4499 gms, 4 = 4500+ gms, 9 = unknown)
16	1	Gestational Age Group (1 = less than 28 wks, 2 = 28–36 wks, 3 = 37–41 wks, 4 = 42+ wks, 9 = unknown)
17	1	Cesarean delivery (1 = yes, 2 = no)
18	1	Birth type (1 = live, 2 = stillbirth)
19	1	Kind of birth (1 = single, 2 = multiple, 9 = unknown)
20	1	Birth order (1, 2, 3,…, 6+, 9 = unknown)
21–25	5	Number of births
26–28	3	Geographical area – LHA number

DEATH DATA, SINGLE YEAR – RECORD LAYOUT

COLUMNS	LENGTH	INFORMATION
1	1	"D" – for Death
2–5	4	Death year (19xx, where xx = 96,…,00)
6–8	3	Geographical area – "LHA" or "HR"
9–10	2	Geographical area – HR number
11	1	Gender (1 = Male, 2 = Female, 9 = Unknown)
12–13	2	Age Group (01 = less than 1 year, 02 = 1–4 years, …, 19 = 85+ years, 99 = Unknown)
14–16	3	Underlying cause of death
17–18	2	Major diagnosis category (01, 02, …, 10)
19–20	2	Sub-diagnosis category (01, 02, …, 19)
21–22	2	Alcohol related death (01 = yes, 00 = no)
23–24	2	Medically treatable death (01 = yes, 00 = no)
25–30	6	Number of deaths
31–33	3	Geographical area – LHA number

Note: Mid-year population estimates will be provided on a separate file by 5-year age group and gender for each LHA or HR. All data will be provided as a flat ASCII file.

BRITISH COLUMBIA VITAL STATISTICS AGENCY
2000 ANNUAL REPORT

SUMMARY STATISTICS
HEALTH STATUS INDICATOR ELECTRONIC DATA ORDER FORM

Name: ______________________________

Organization: ______________________________

Address: ______________________________

____

City: ______________________________

Province/State: ______________________________

Postal/Zip Code: ____________________

Telephone Number: (   ) ____________________

FAX Number: (   ) ____________________

e-mail: ____________________

Send your order and remittance to:

Attention: Ms Julie Macdonald
VITAL STATISTICS
MINISTRY OF HEALTH
PO BOX 9657 STN PROV GOVT
VICTORIA BC V8W 9P3
Phone: (250) 952-2558
1-800-663-8328 (toll-free within Canada)
FAX: (250) 952-2594

Please make cheque, money order or journal voucher payable to the "Minister of Finance."

The following data are available from 1996 to 2000 by single year. Within each file, data is aggregated by the data fields shown in the record layout.

BIRTH DATA

DIAGNOSTIC TITLE	GEOG AREA *(circle one)*	UNIT PRICE PER YEAR	YEARS REQUIRED *(circle year(s) required)*					TOTAL PRICE
Live Births	LHA/HR	$50	96	97	98	99	00	$ ______
Stillbirths	LHA/HR	$50	96	97	98	99	00	$ ______
Low Birth Weight/Live Birth	LHA/HR	$50	96	97	98	99	00	$ ______
Cesarean	LHA/HR	$50	96	97	98	99	00	$ ______
Pre-term	LHA/HR	$50	96	97	98	99	00	$ ______
Teenage Mother	LHA/HR	$50	96	97	98	99	00	$ ______
Elderly Gravida	LHA/HR	$50	96	97	98	99	00	$ ______
TOTAL								$ ______

DEATH DATA

DIAGNOSTIC TITLE	GEOG AREA (circle one)	UNIT PRICE PER YEAR	YEARS REQUIRED (circle year(s) required)					TOTAL PRICE
All causes of death	LHA/HR	$500	96	97	98	99	00	$______
MAJOR DIAGNOSES (ICD-10 CODES)								
Infectious/parasitic diseases (A00–B99)	LHA/HR	$50	96	97	98	99	00	$______
Cancer (malignant neoplasms) (C00–C97)	LHA/HR	$50	96	97	98	99	00	$______
Endocrine/nutritional/metabolic diseases (E00–E90)	LHA/HR	$50	96	97	98	99	00	$______
Circulatory system diseases (I00–I99)	LHA/HR	$50	96	97	98	99	00	$______
Respiratory system diseases (J00–J99)	LHA/HR	$50	96	97	98	99	00	$______
Digestive system diseases (K00–K93)	LHA/HR	$50	96	97	98	99	00	$______
Congenital anomalies (Q00–Q99)	LHA/HR	$50	96	97	98	99	00	$______
External causes (V01–Y98)	LHA/HR	$50	96	97	98	99	00	$______
SUB-DIAGNOSES (ICD-10 CODES)								
HIV disease (B20–B24)	LHA/HR	$50	96	97	98	99	00	$______
Colorectal cancer (C18–C21)	LHA/HR	$50	96	97	98	99	00	$______
Lung cancer (C33–C34)	LHA/HR	$50	96	97	98	99	00	$______
Female breast cancer (C50.0–C50.9)	LHA/HR	$50	96	97	98	99	00	$______
Diabetes (E10–E14)	LHA/HR	$50	96	97	98	99	00	$______
Cardiovascular disease (I01–I51)	LHA/HR	$50	96	97	98	99	00	$______
Ischemic heart disease (I20–I25)	LHA/HR	$50	96	97	98	99	00	$______
Cerebrovascular disease (I60–I69)	LHA/HR	$50	96	97	98	99	00	$______
Pneumonia/influenza (J10–J18.1, J18.8–J18.9)	LHA/HR	$50	96	97	98	99	00	$______
Chronic lung disease (J41–J44)	LHA/HR	$50	96	97	98	99	00	$______
Chronic liver disease/cirrhosis (K70, K73–K74, K76.0–K76.1)	LHA/HR	$50	96	97	98	99	00	$______
Motor vehicle accidents (V02–V04,…, Y85.0)*	LHA/HR	$50	96	97	98	99	00	$______
Accidental falls (W00–W19)	LHA/HR	$50	96	97	98	99	00	$______
Accidental poisoning (X40–X49)	LHA/HR	$50	96	97	98	99	00	$______
Suicide (X60–X84, Y87.0)	LHA/HR	$50	96	97	98	99	00	$______
Alcohol-related deaths	LHA/HR	$50	96	97	98	99	00	$______
Drug-induced deaths	LHA/HR	$50	96	97	98	99	00	$______

TOTAL .... $______

Notes: *Refer to Table 30 for ICD-10 codes for motor vehicle accidents.
Refer to previous annual reports for ICD-9 codes (used for 1996–1999 death data).